

US

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Fig.1

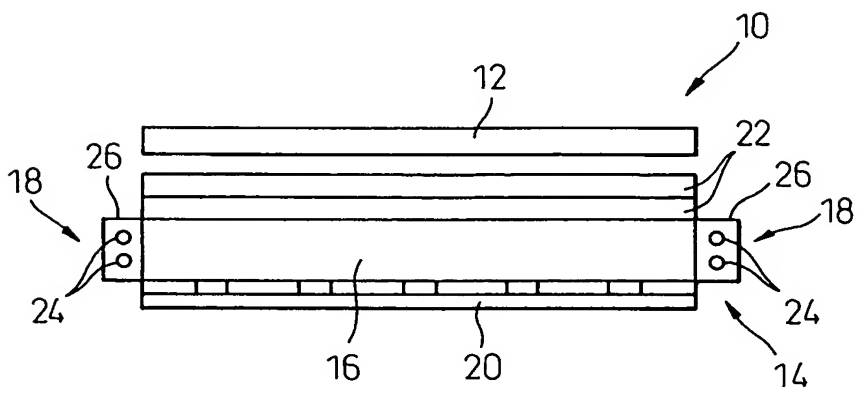
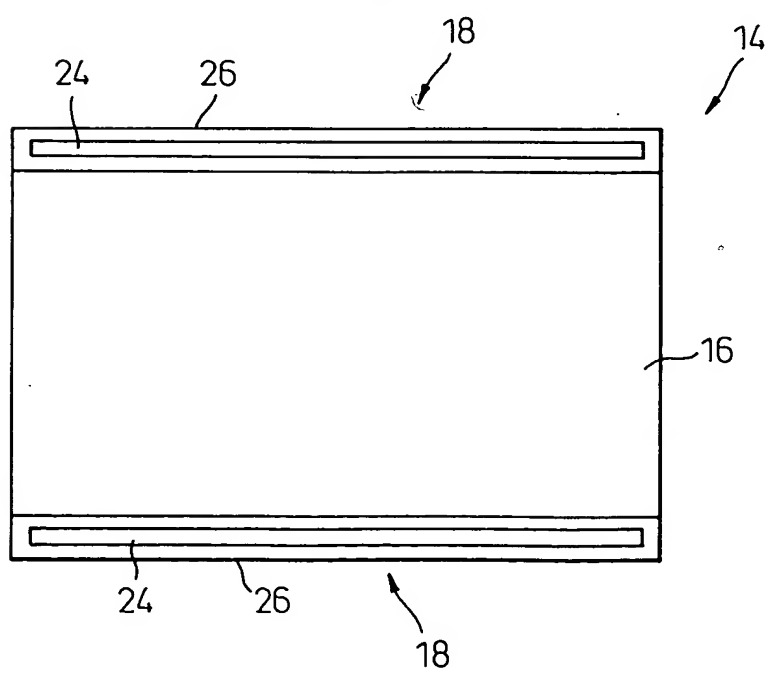


Fig.2



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Fig.3

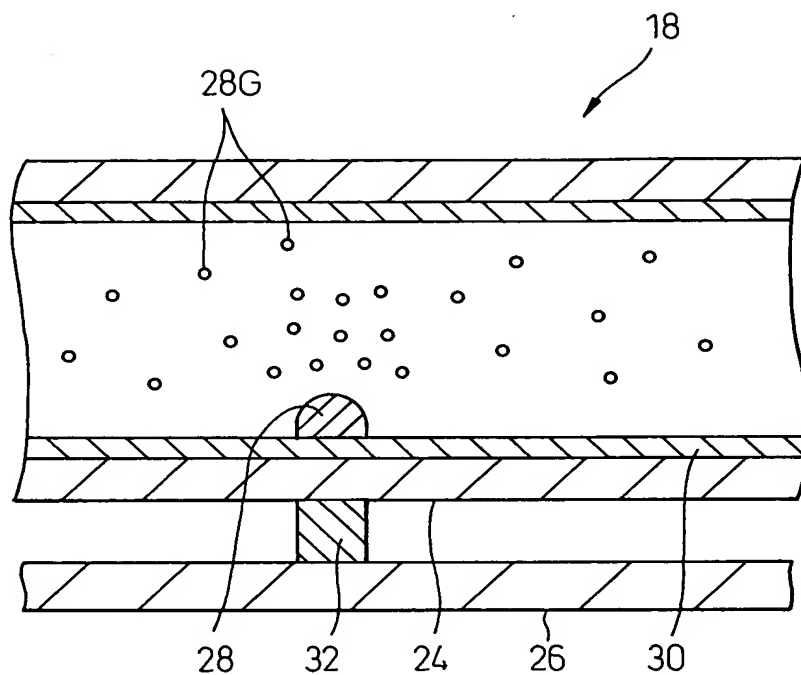
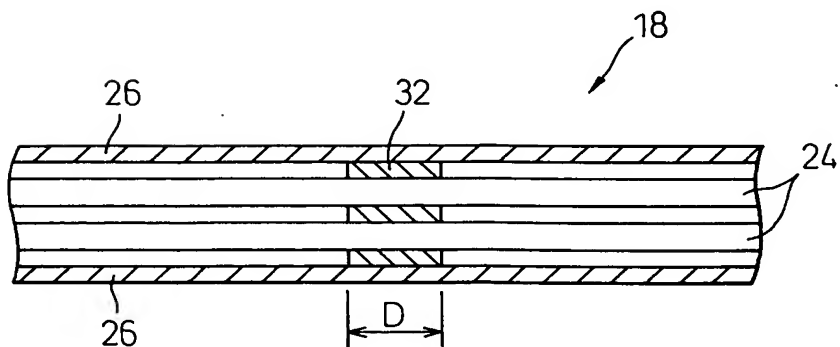


Fig.4



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Fig.5

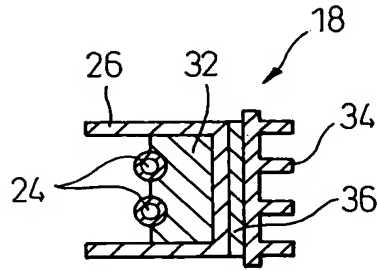


Fig.6

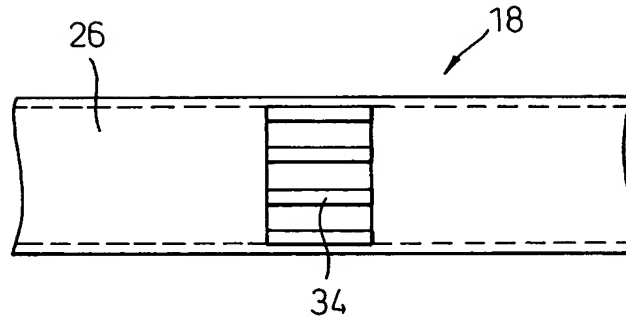
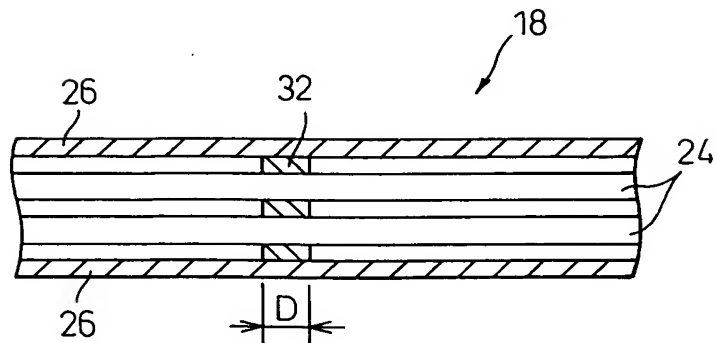


Fig.7



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Fig.8

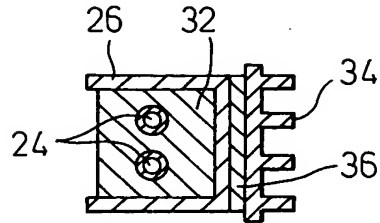


Fig.9

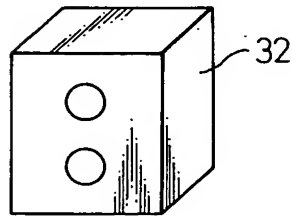
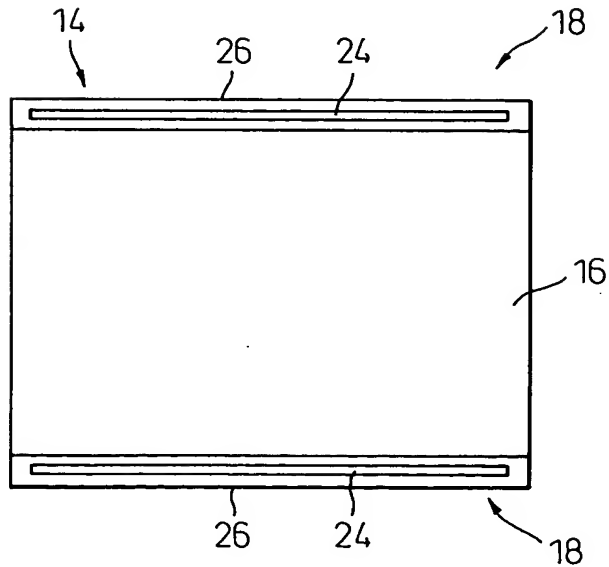


Fig.10



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Fig.11

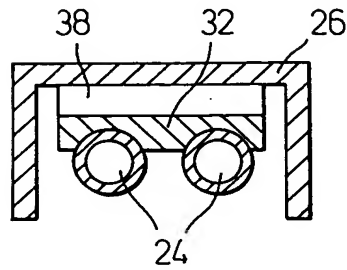


Fig.12

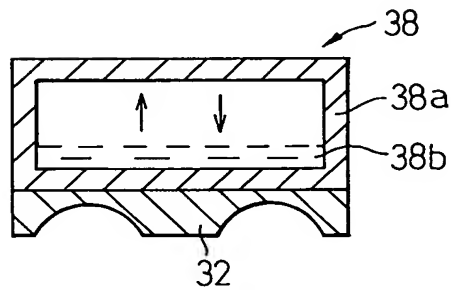
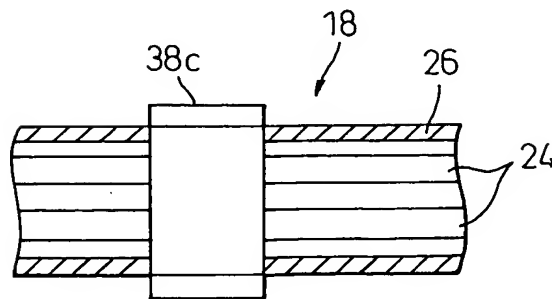


Fig.13



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Fig.14

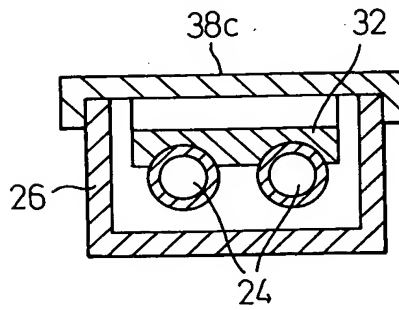


Fig.15

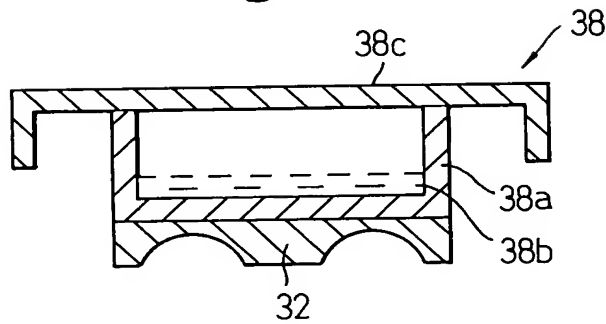
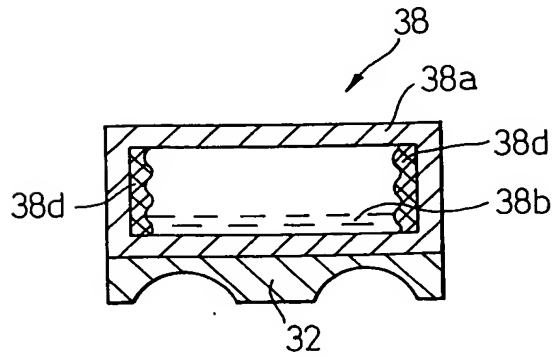


Fig.16



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Fig.17

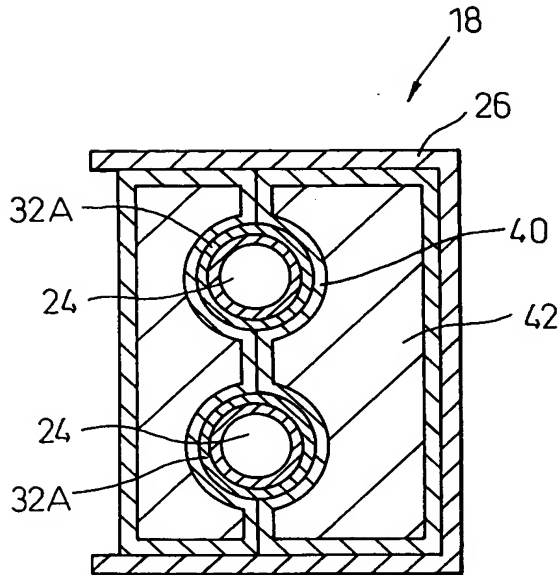


Fig.18

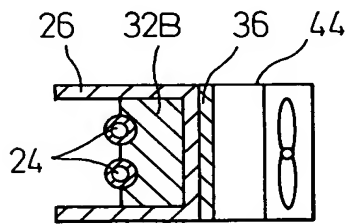


Fig.19

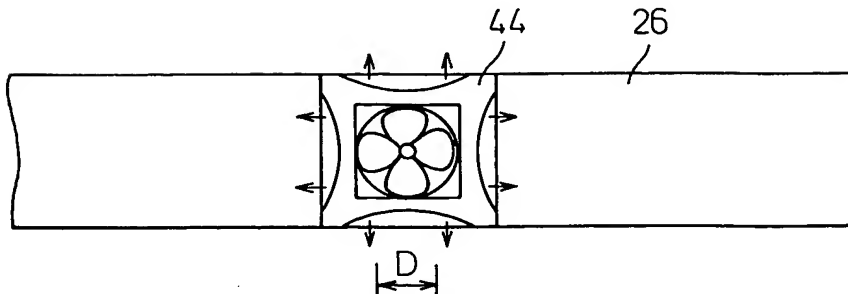


FIG. 17

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Fig. 20

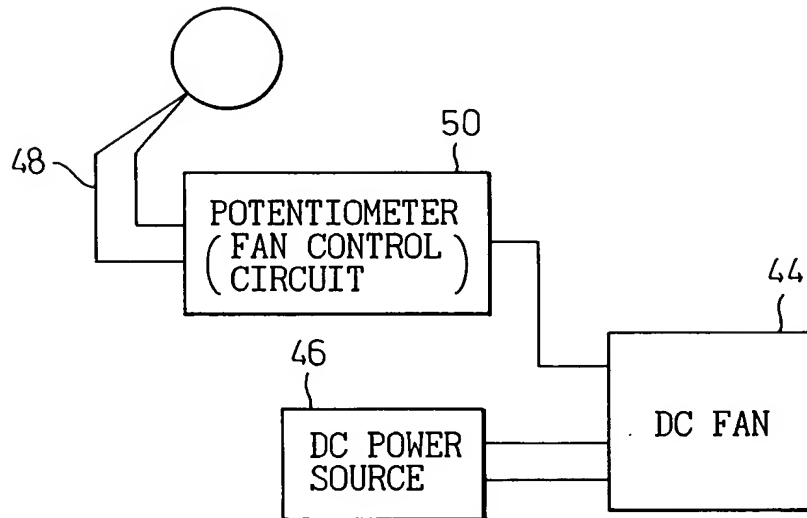
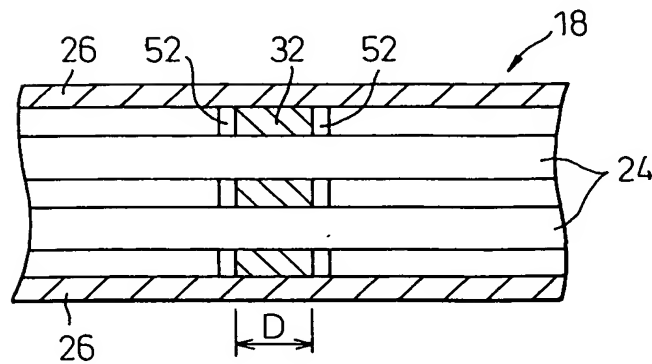


Fig. 21



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Fig.22

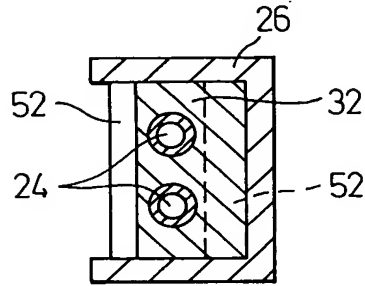


Fig. 23

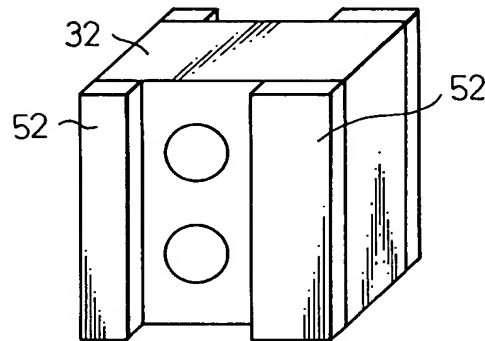


Fig.24

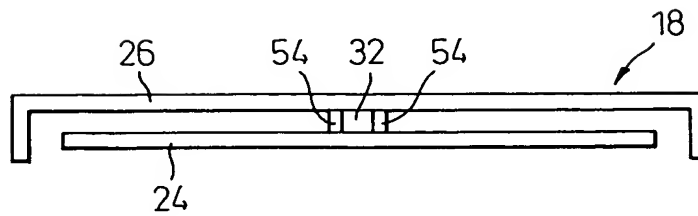


FIG. 22

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Fig.25

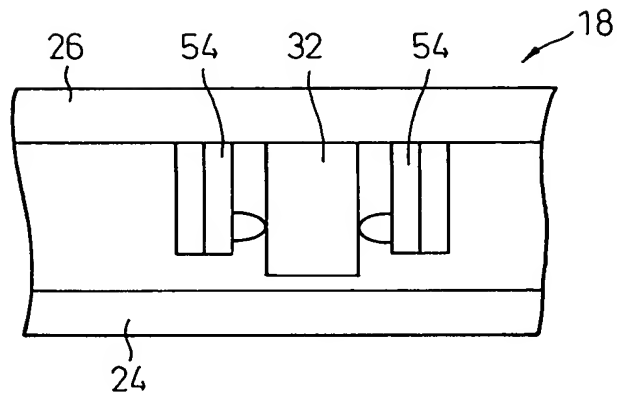


Fig.26

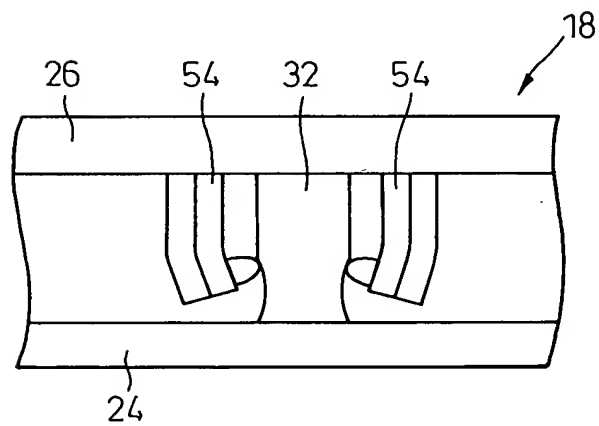


FIG. 25

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Fig. 27

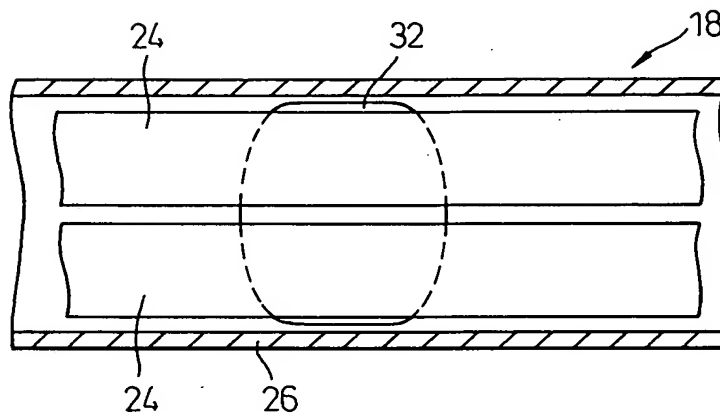


Fig. 28

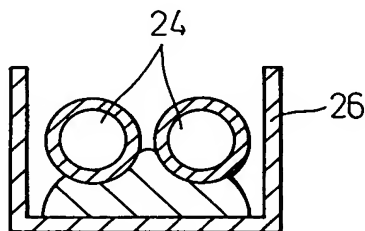
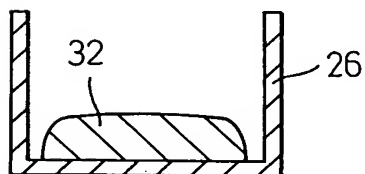


Fig. 29



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Fig.30

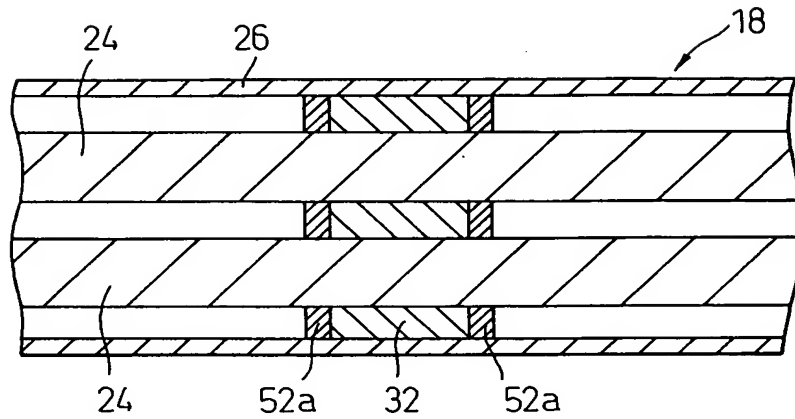


Fig.31

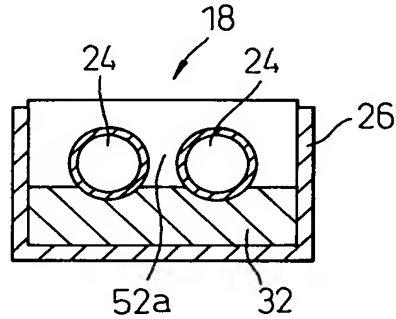


Fig.32

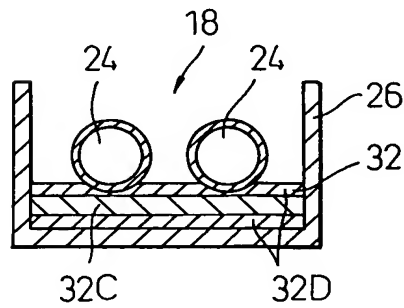


FIG. 30

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Fig.33

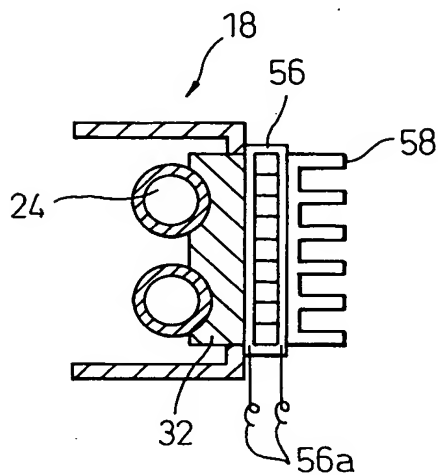


Fig.34

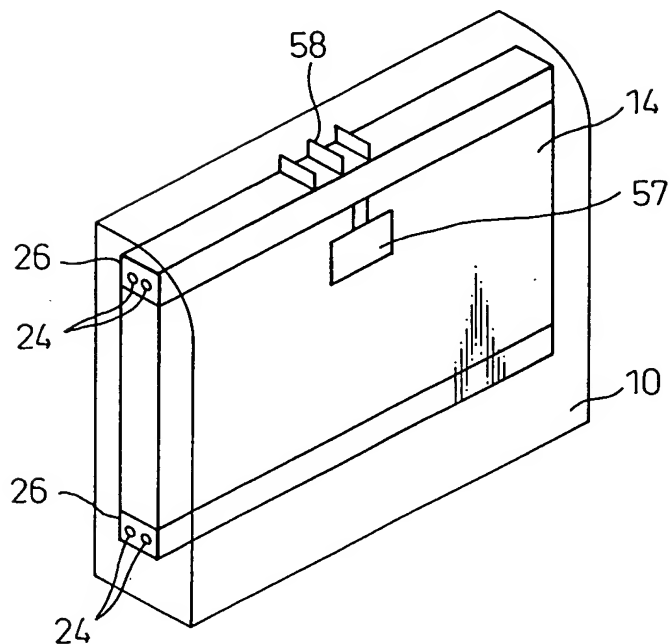


FIG. 33

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Fig.35

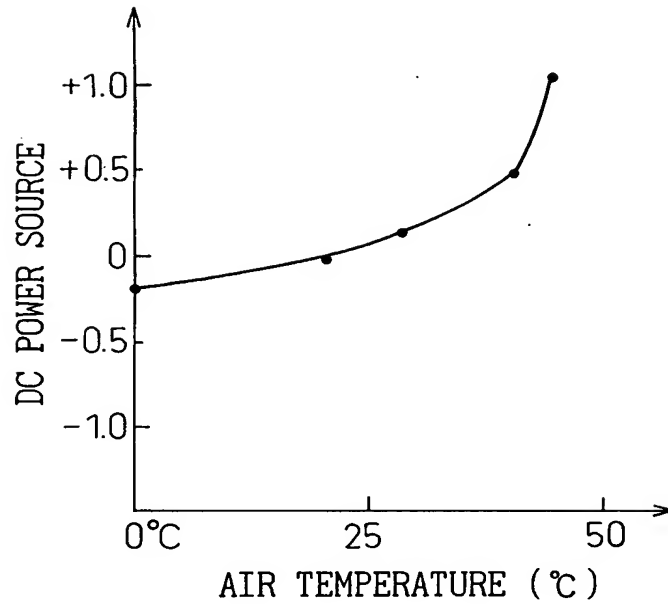
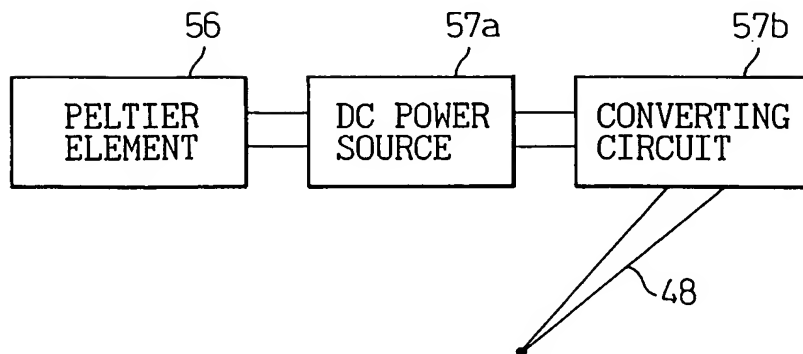


Fig.36



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Fig. 37

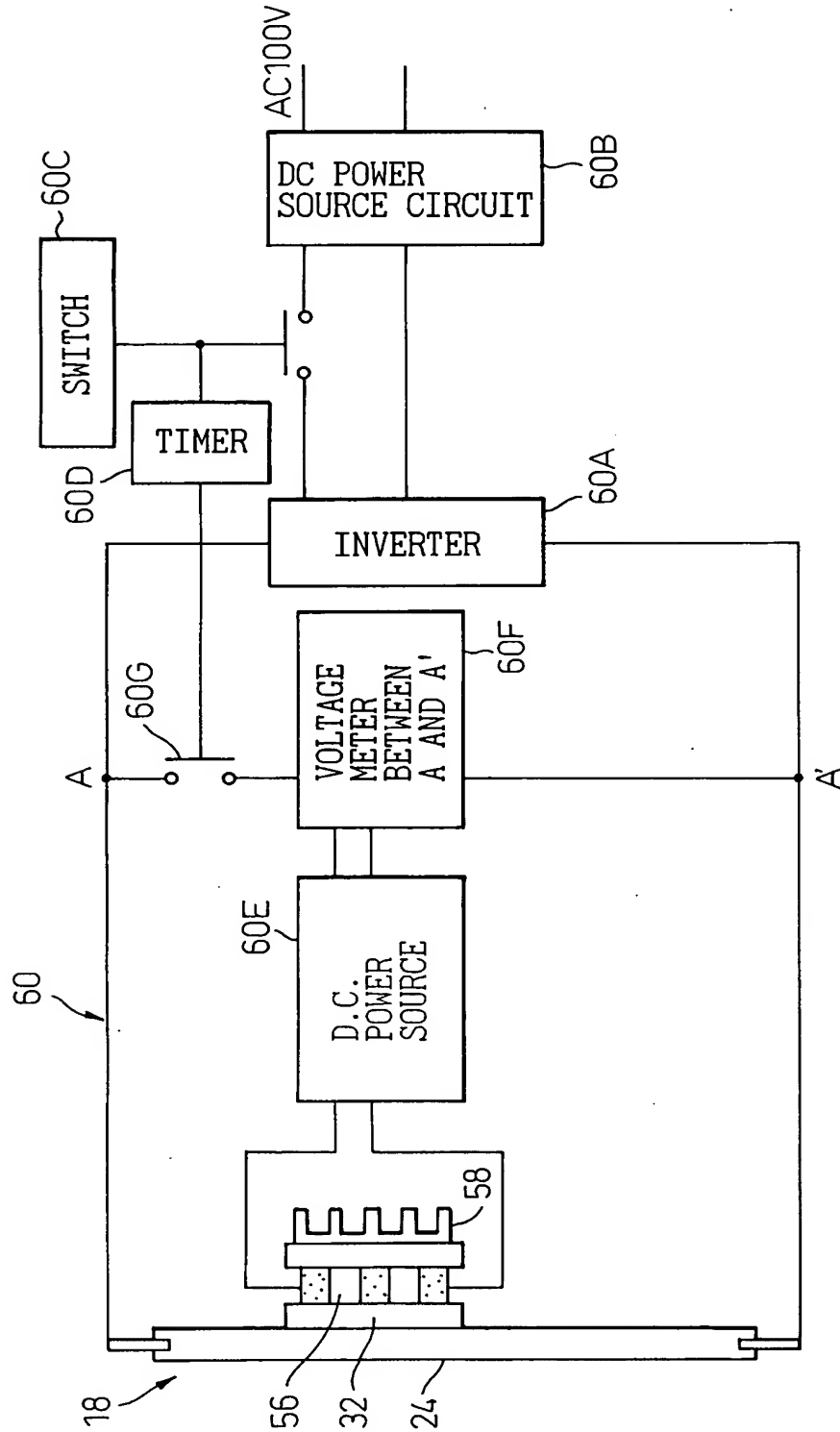


FIG. 37

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Fig.38

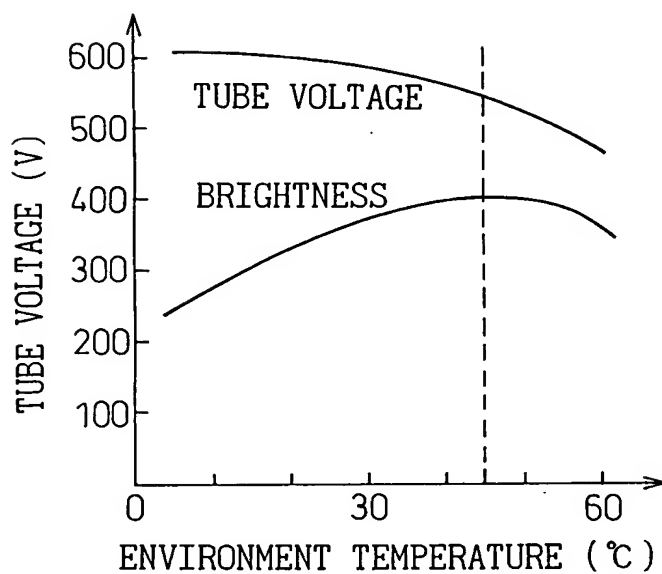
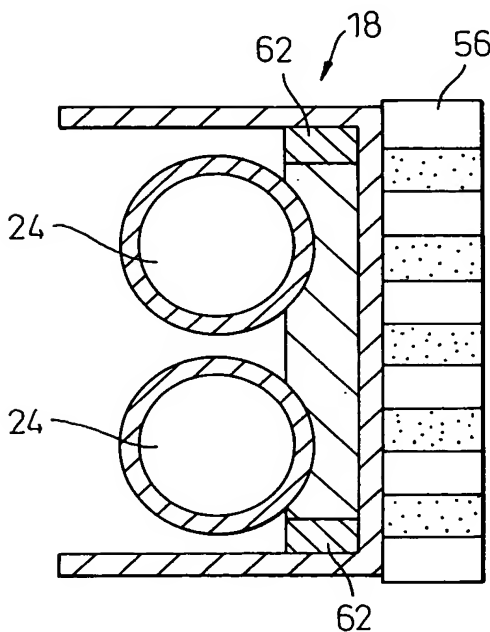


Fig.39



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Fig. 40

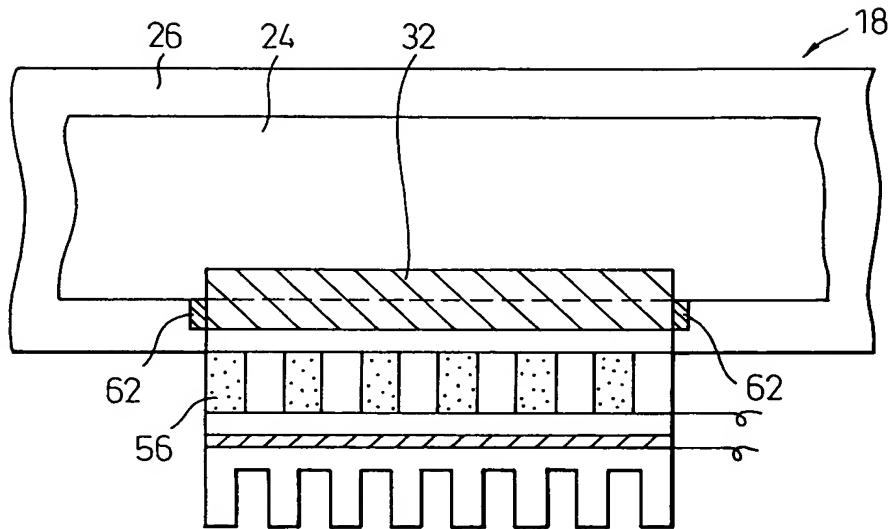
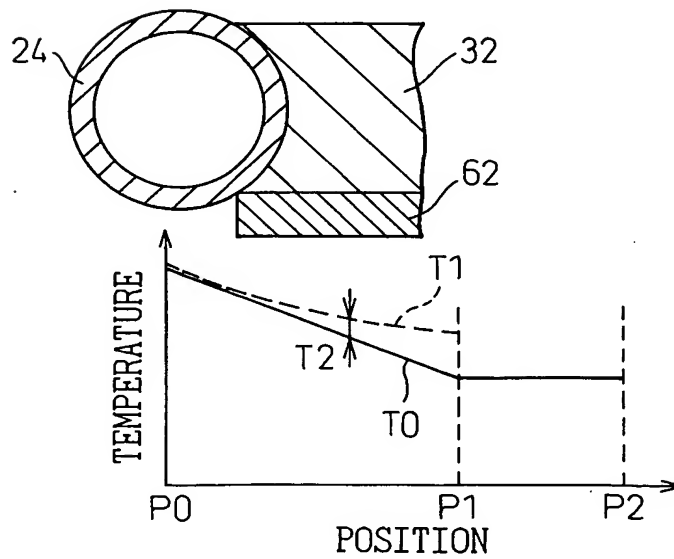


Fig. 41



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Fig.42

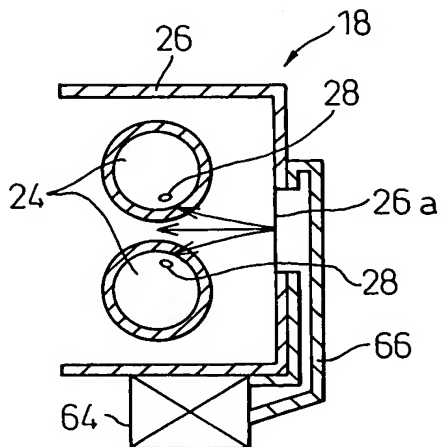
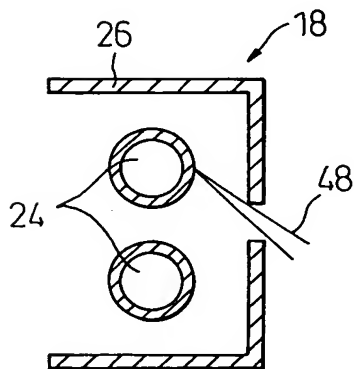


Fig.43



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Fig.44

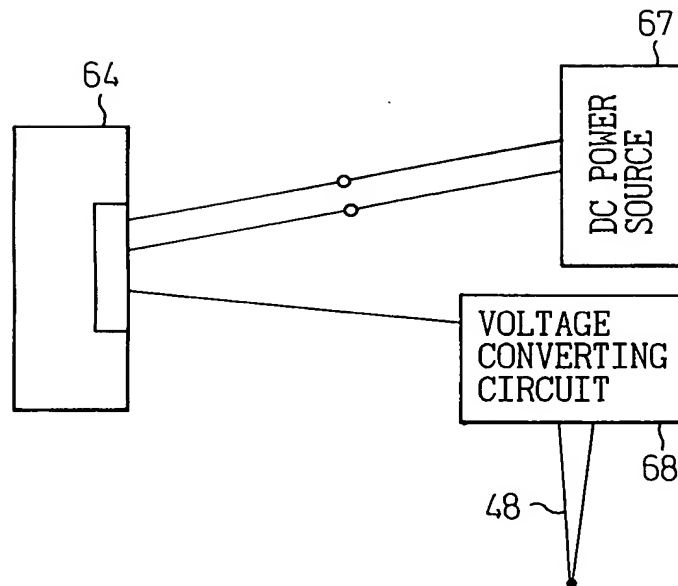
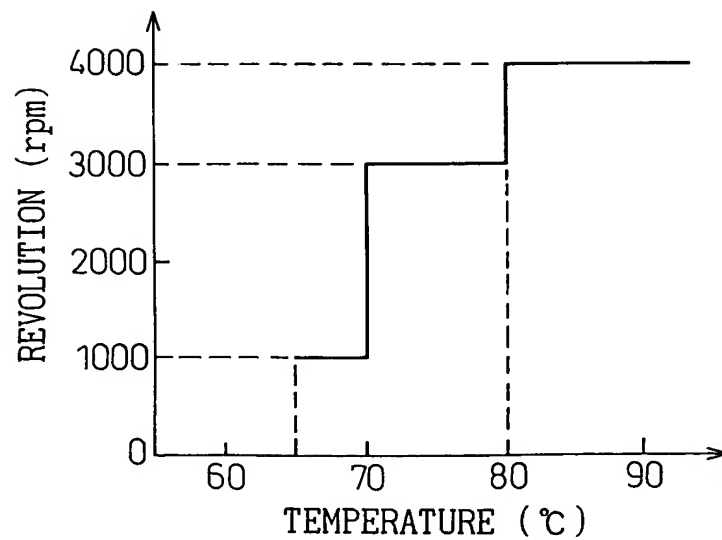


Fig.45



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Fig.46

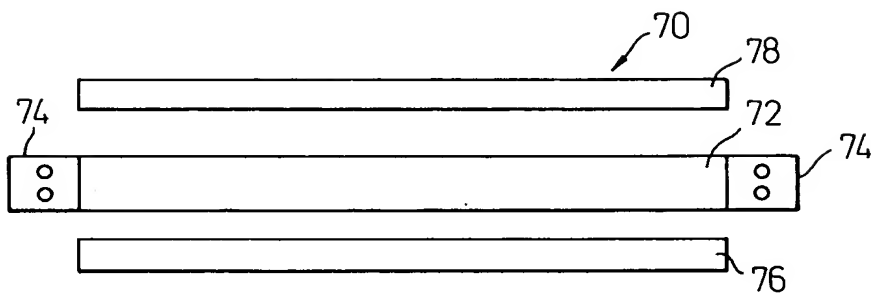


Fig.47

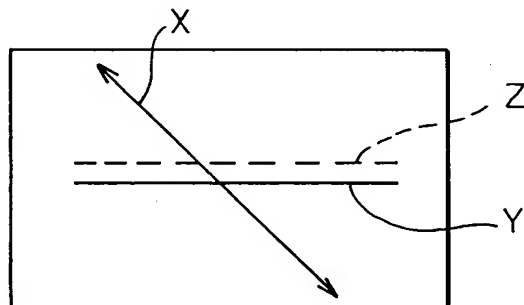
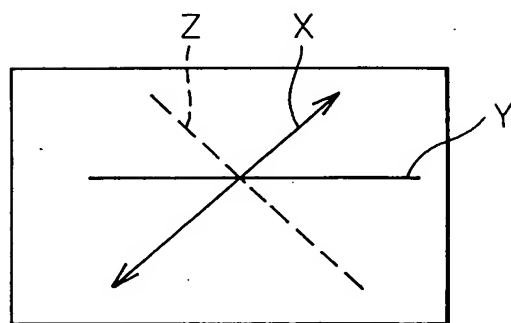


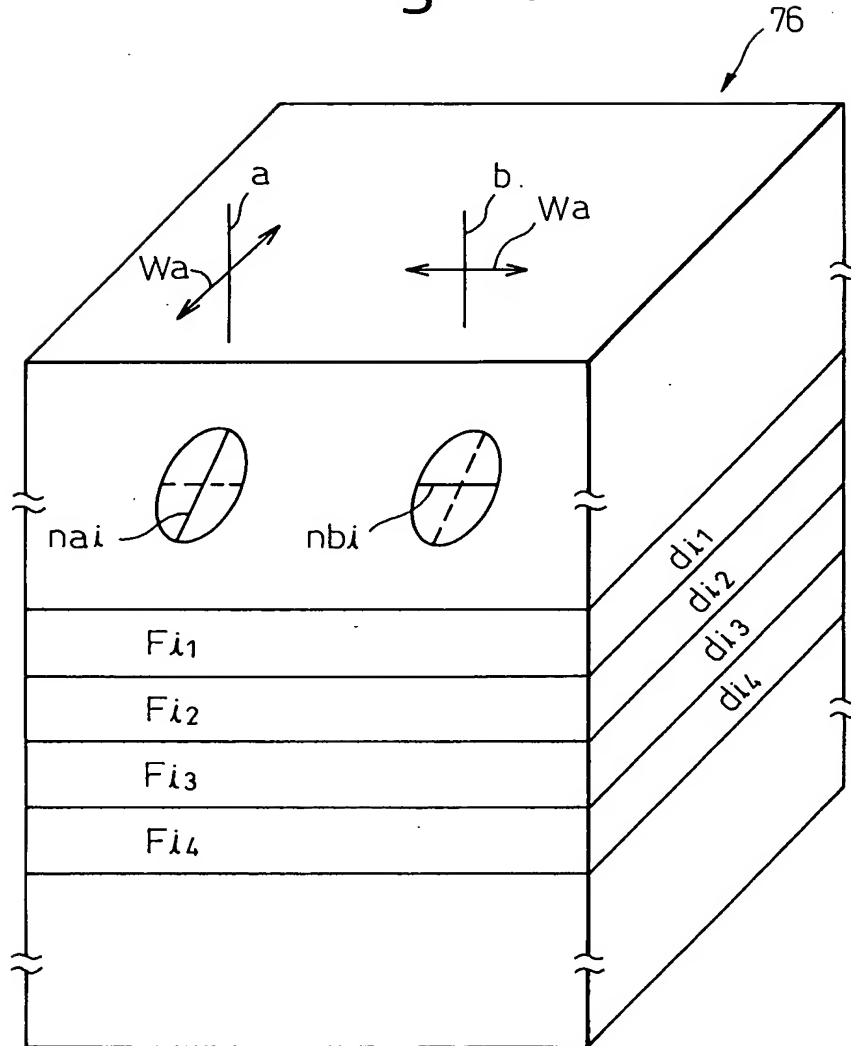
Fig.48



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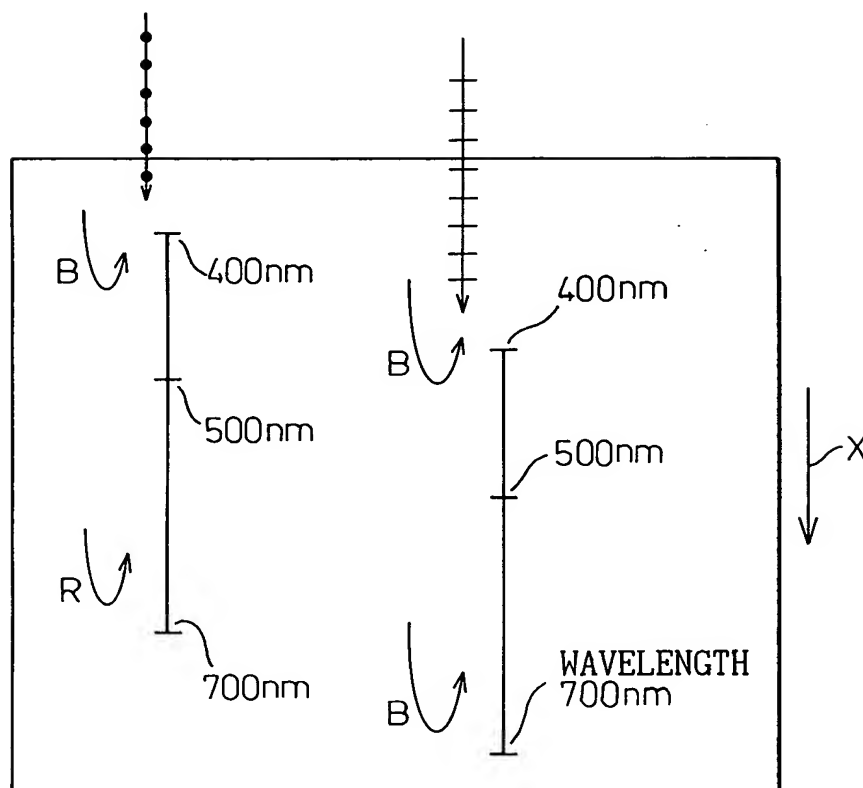
Fig. 49



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Fig.50



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Fig. 51

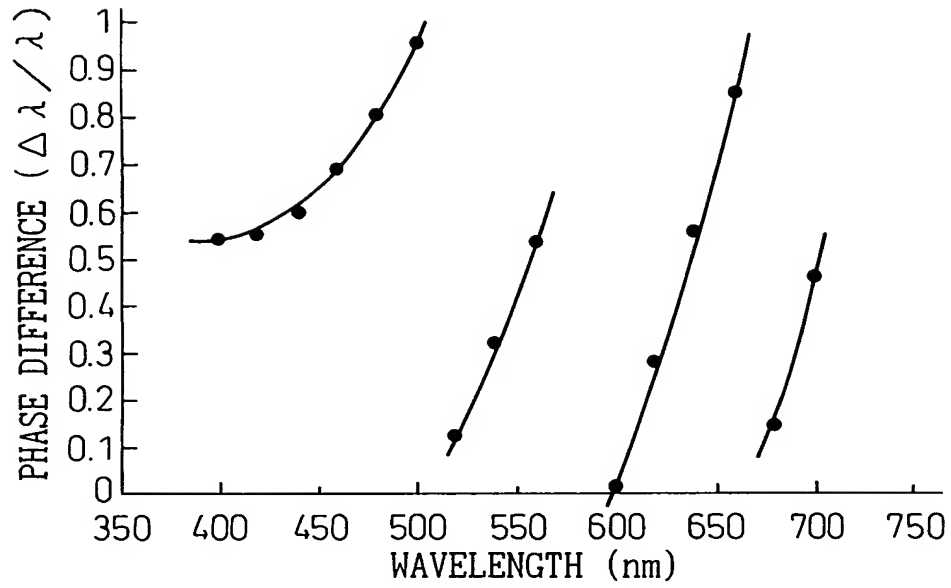
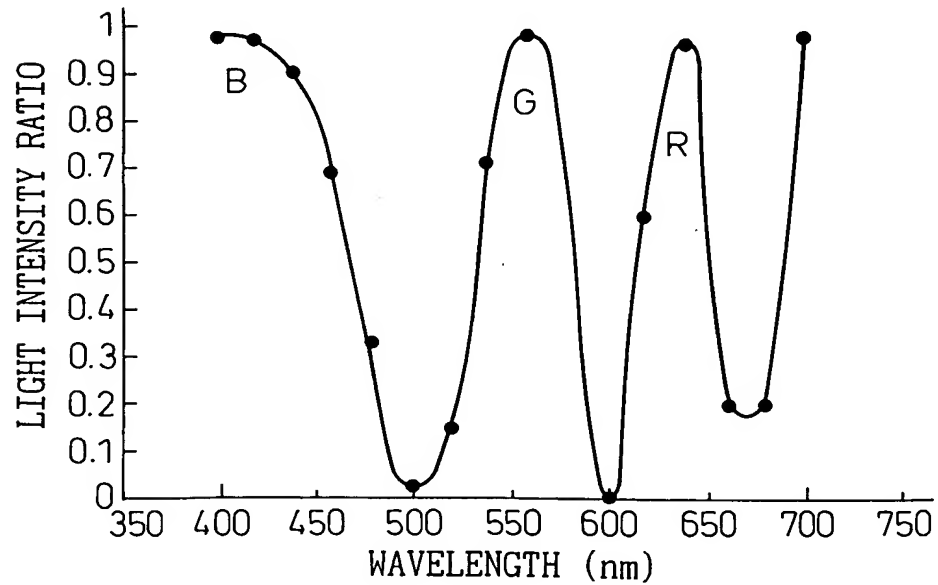


Fig. 52



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Fig.53

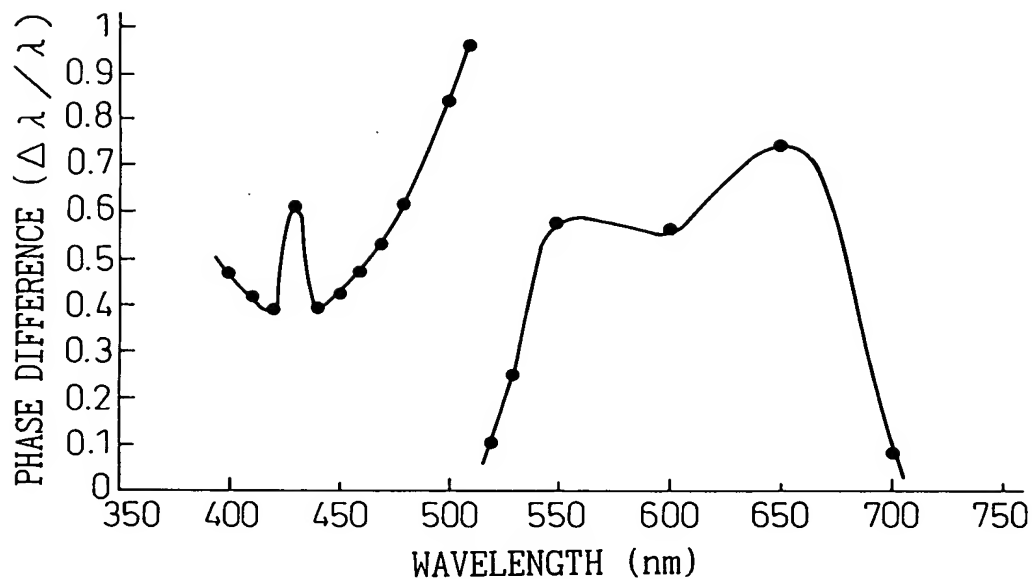
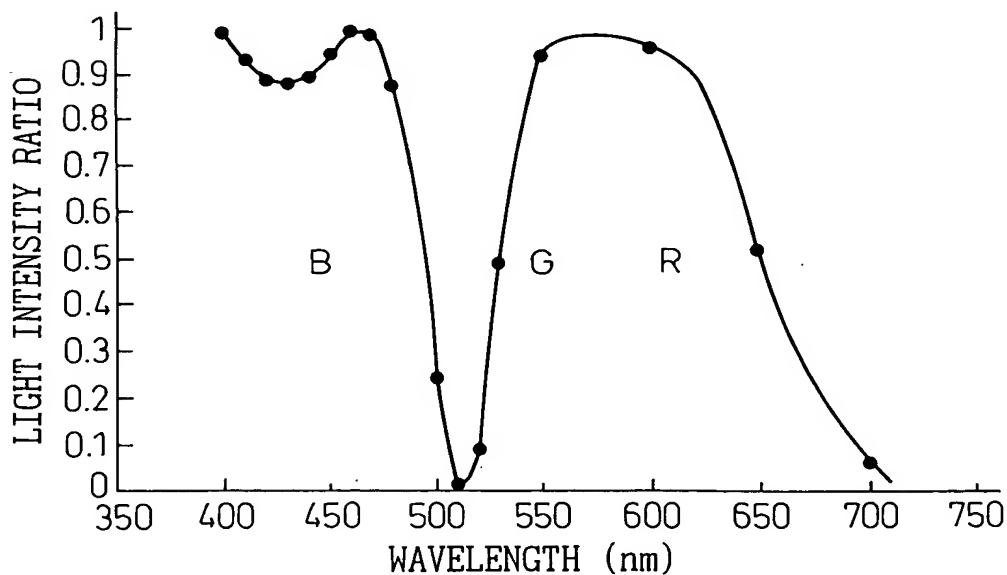


Fig.54



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Fig.55

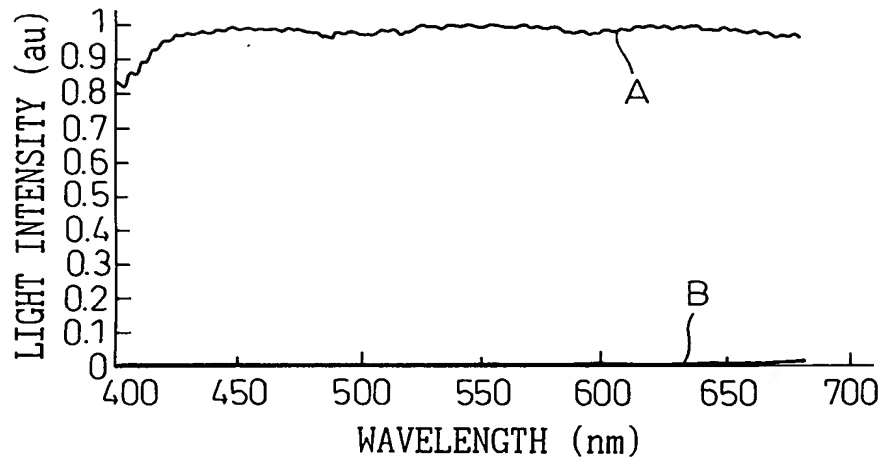
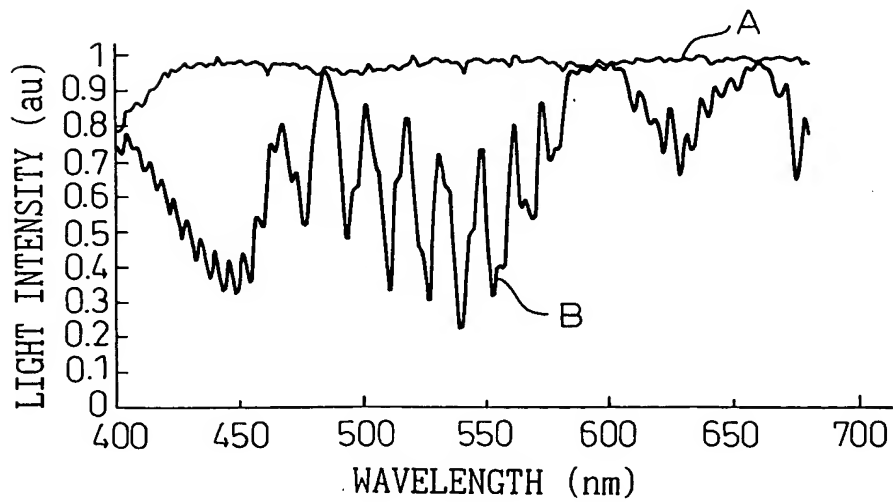


Fig.56



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Fig.57

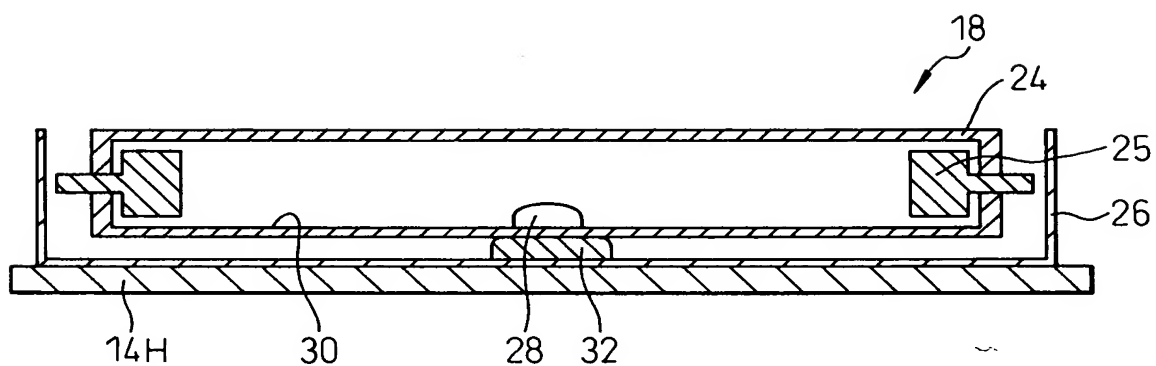


FIG. 57

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Fig.58 A

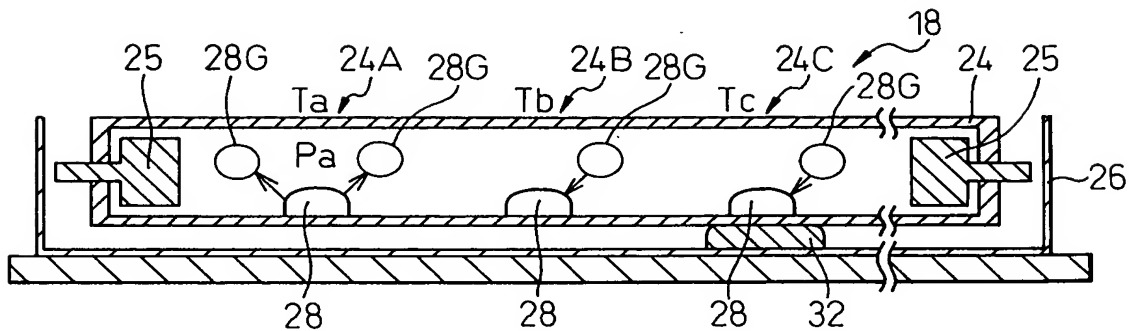


Fig.58B

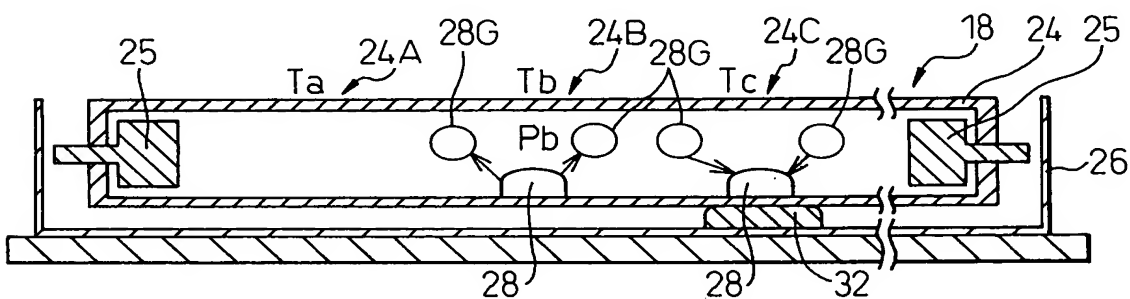
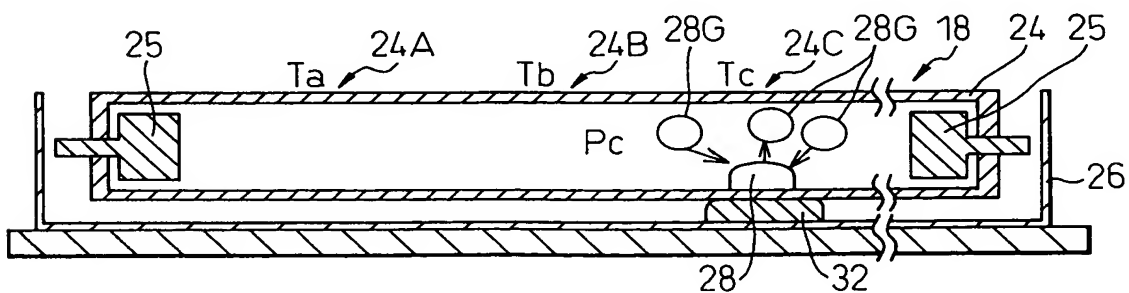


Fig.58C



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Fig.58D

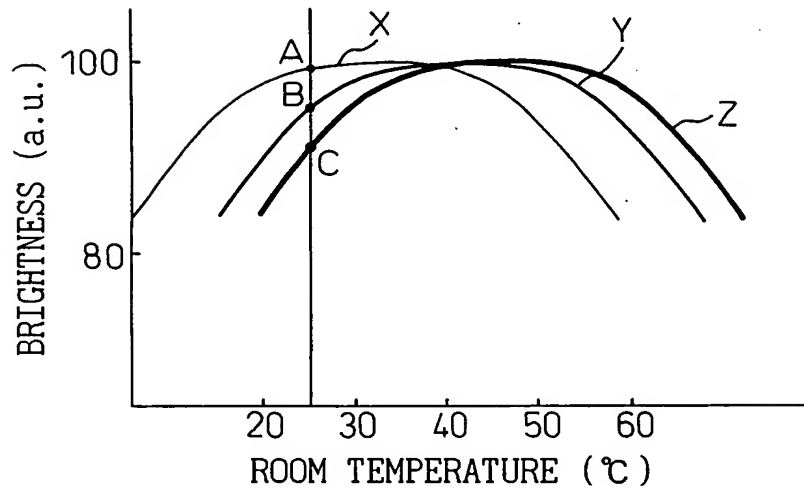
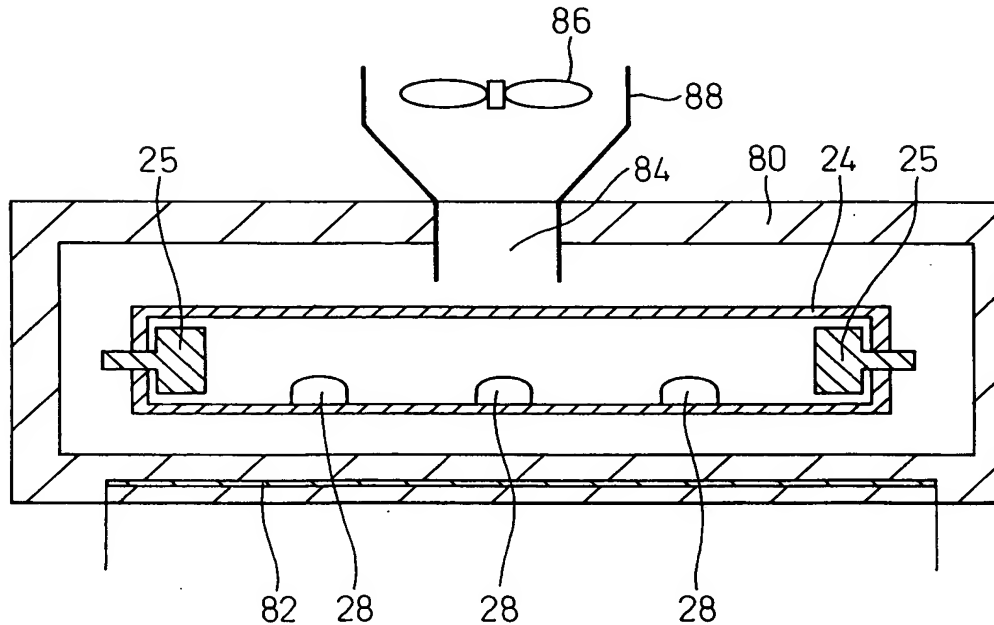


Fig.59



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Fig.60

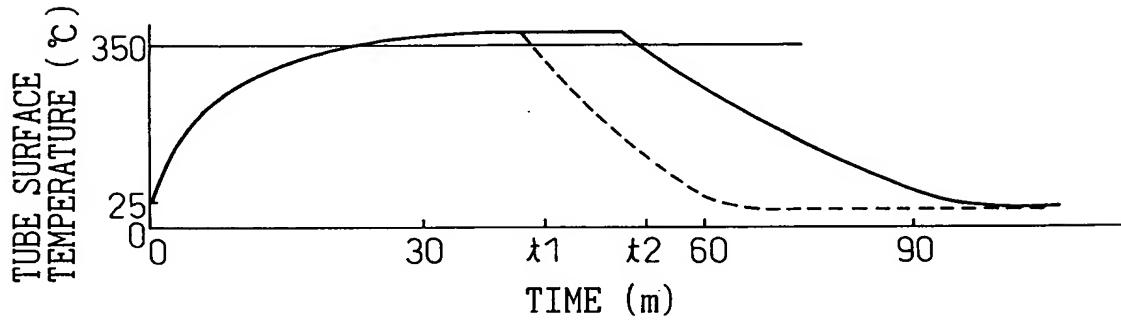
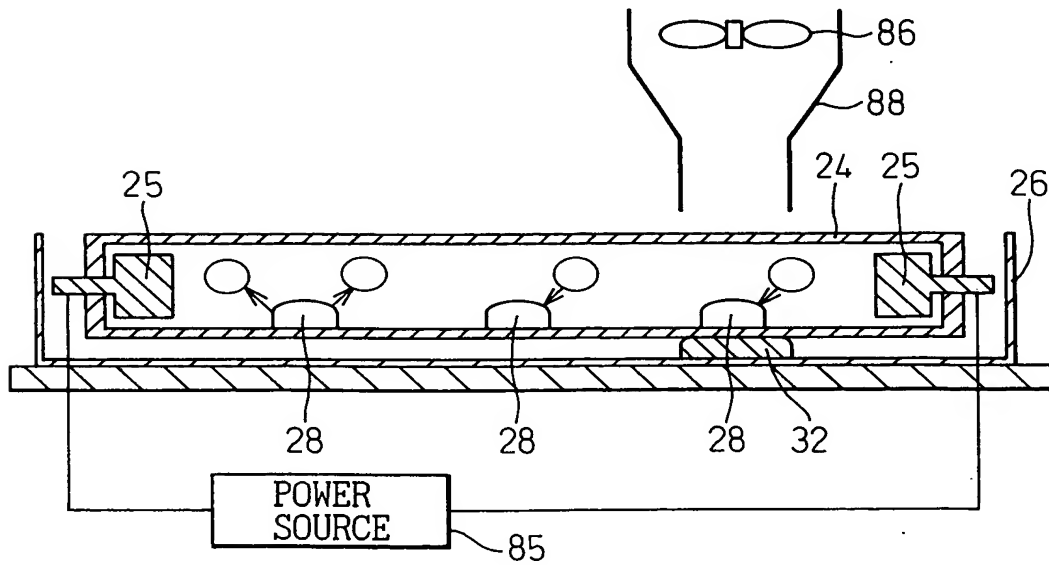


Fig.61



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Fig.62

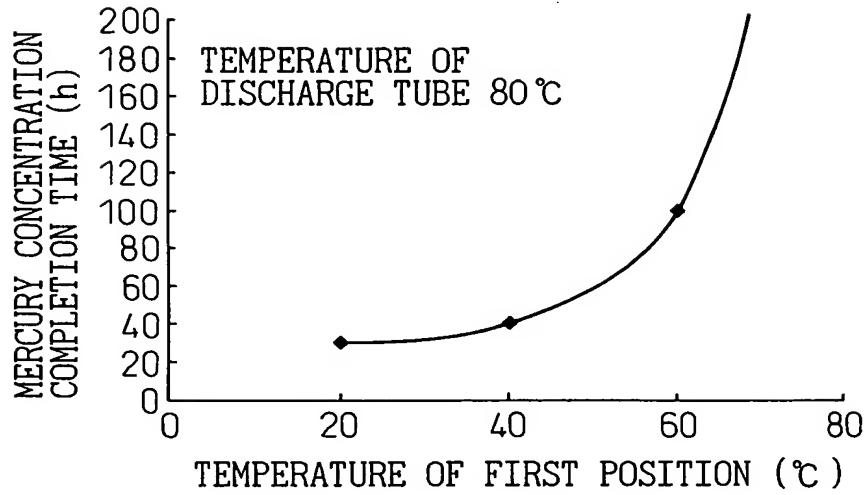
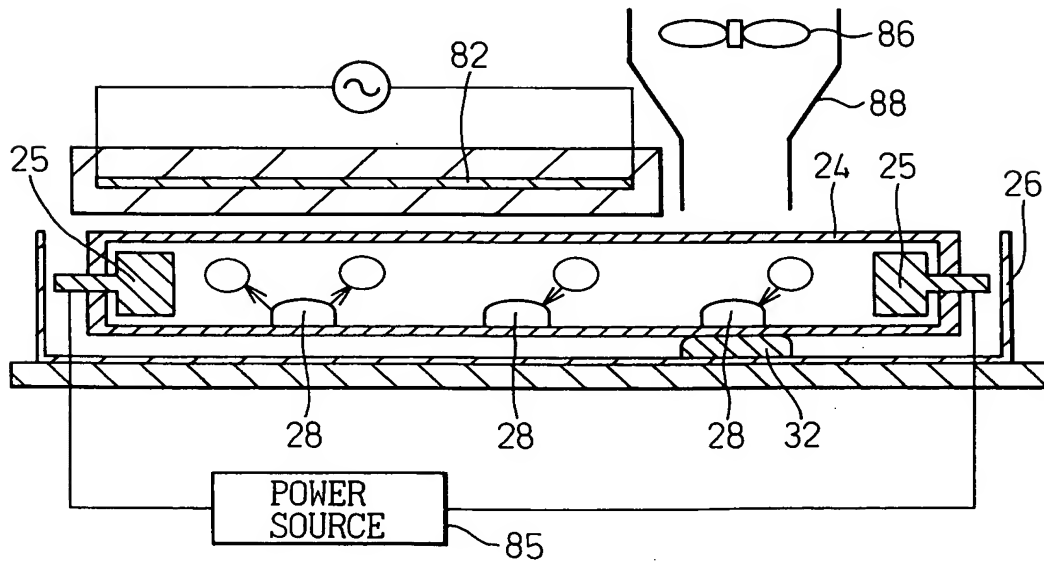


Fig.63



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Fig.64

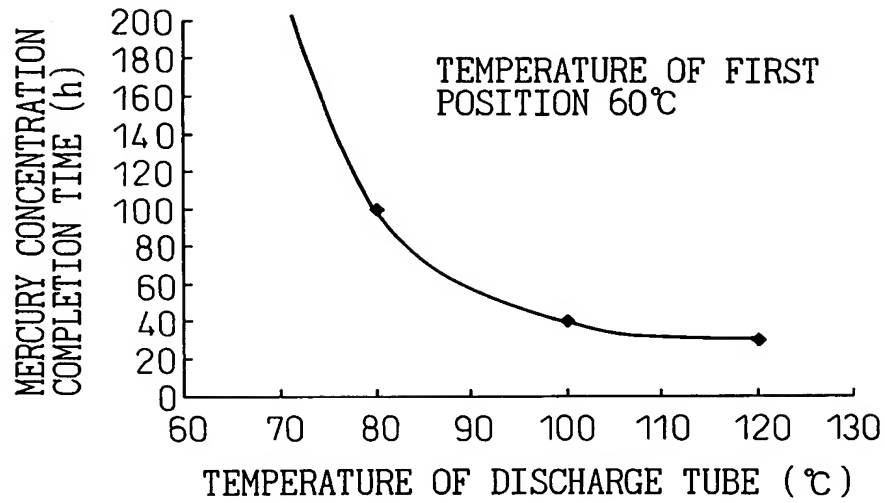
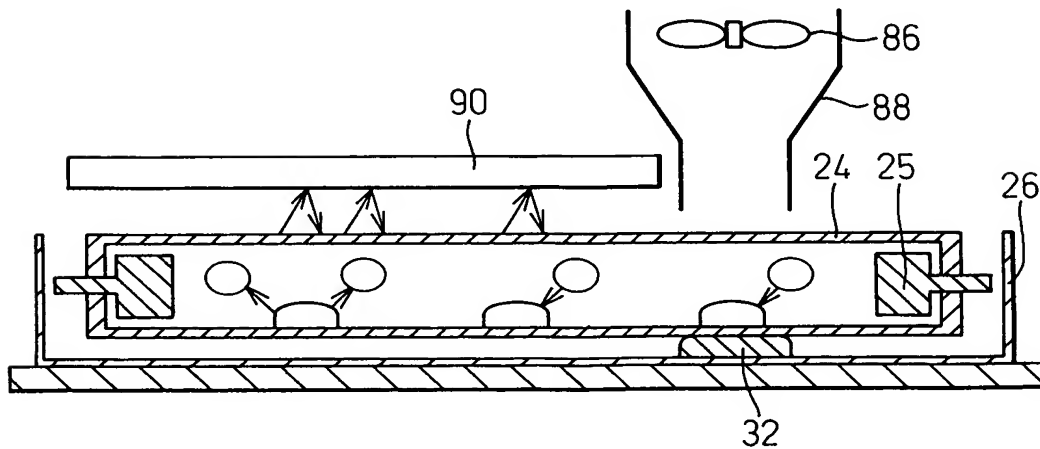


Fig.65



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Fig.66

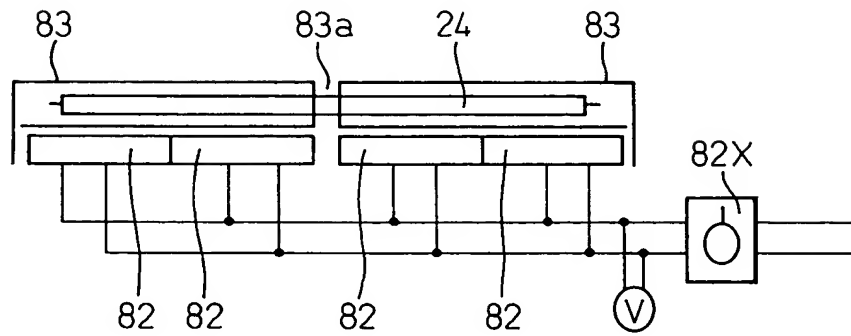
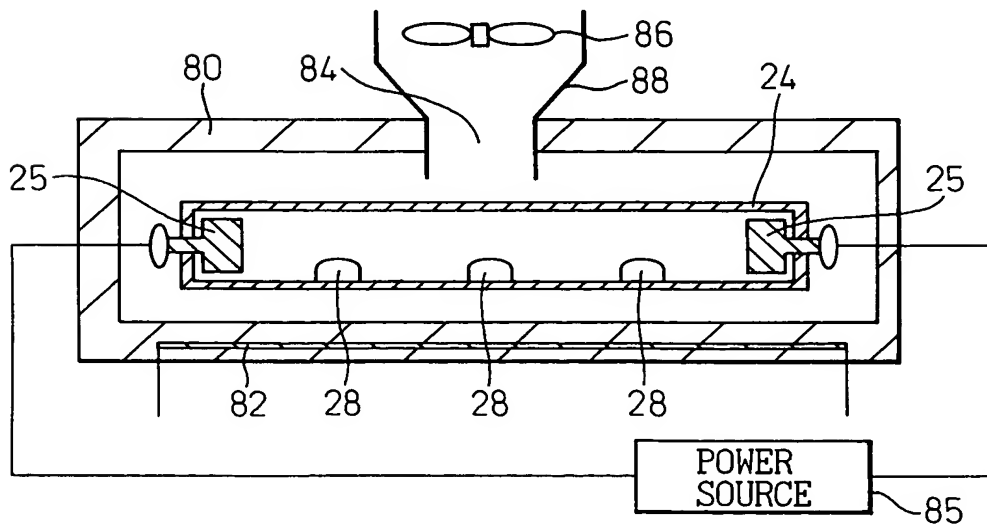


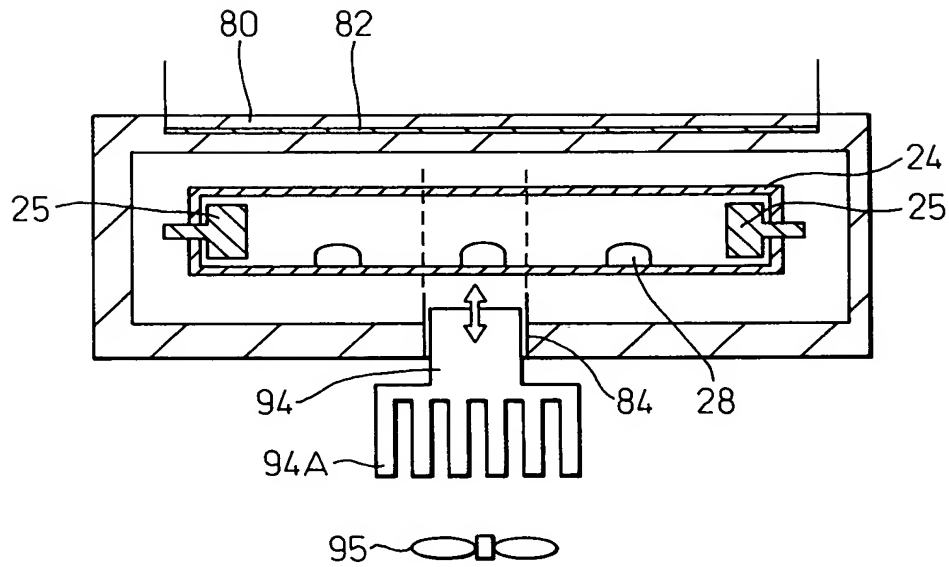
Fig.67



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Fig.68



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Fig.69A

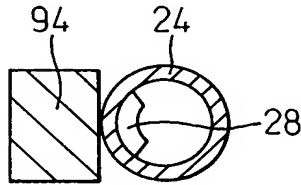


Fig.69B

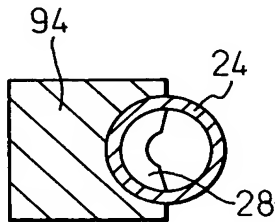


Fig.69C

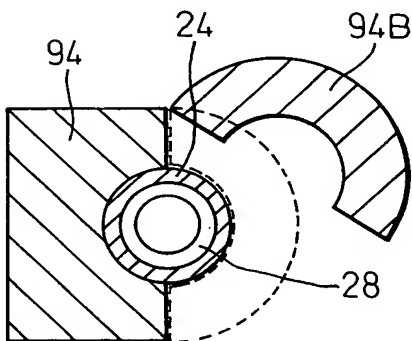


FIG. 69A

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Fig.70A

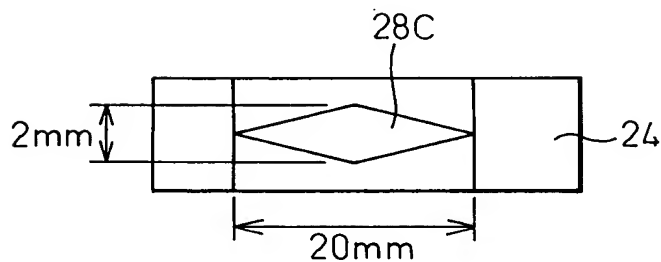


Fig.70B

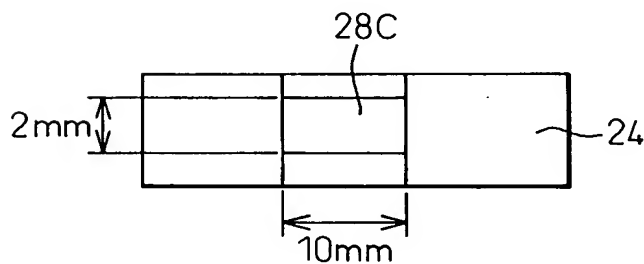
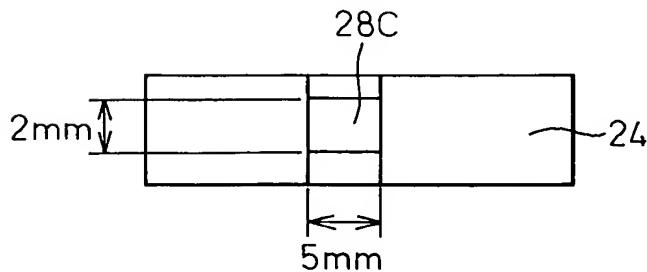


Fig.70C



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Fig.71A

Fig.71B

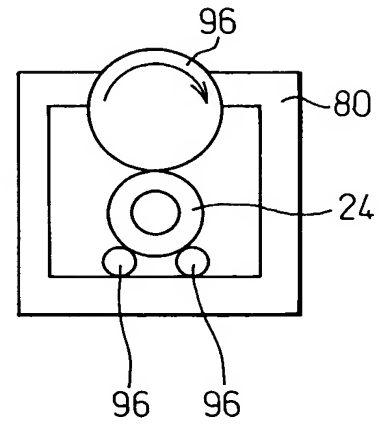
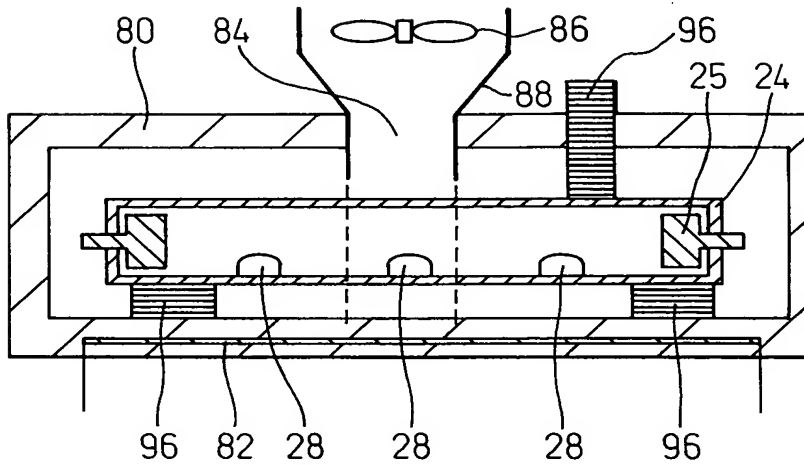
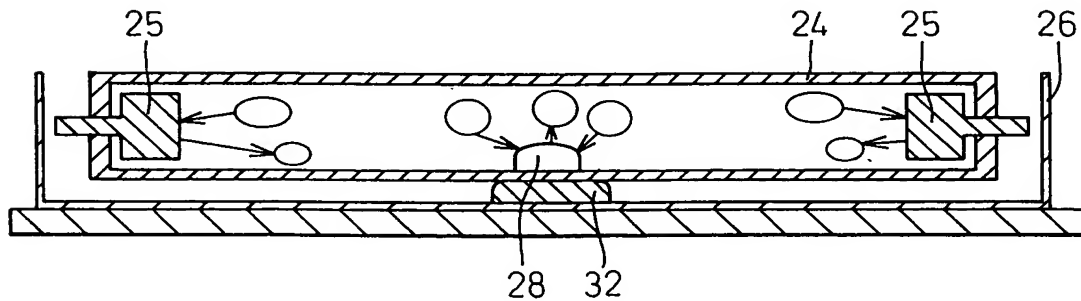


Fig.72



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Fig.73

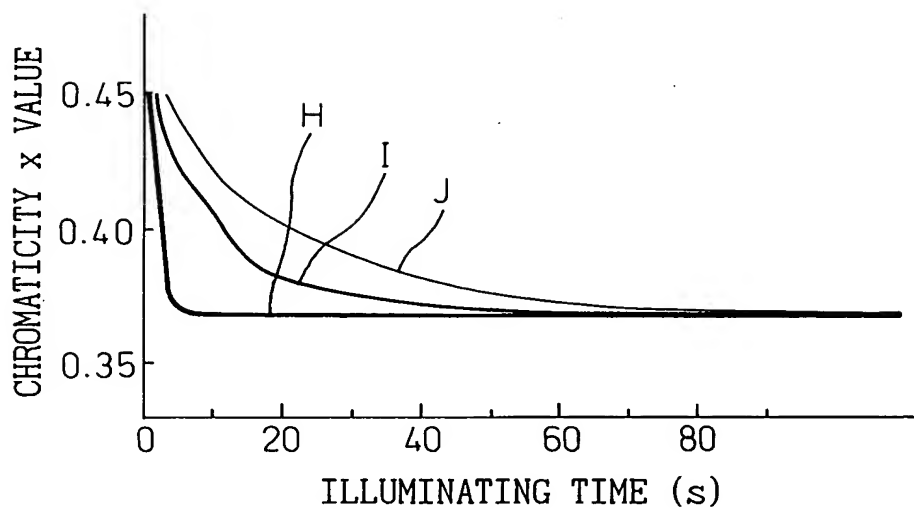


Fig.74

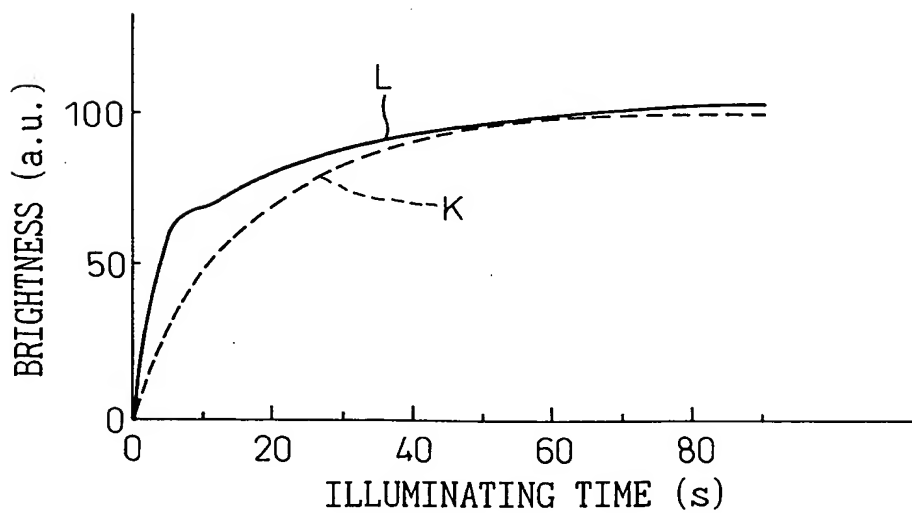


FIG. 73

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Fig.75

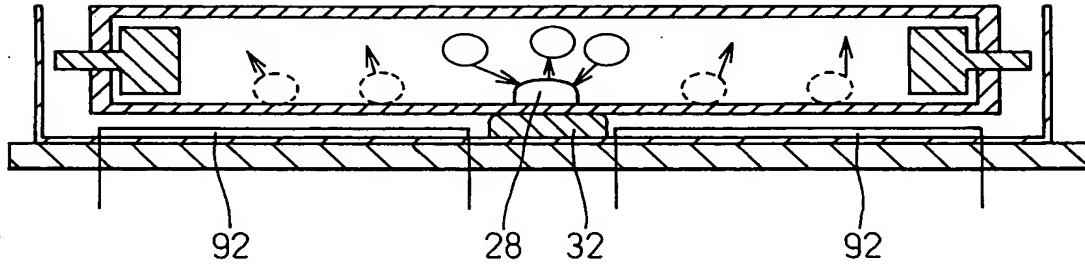


Fig.76

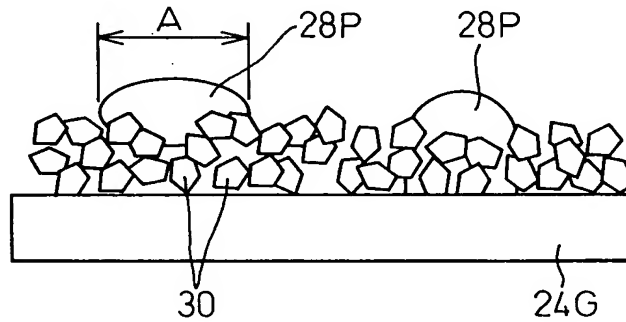
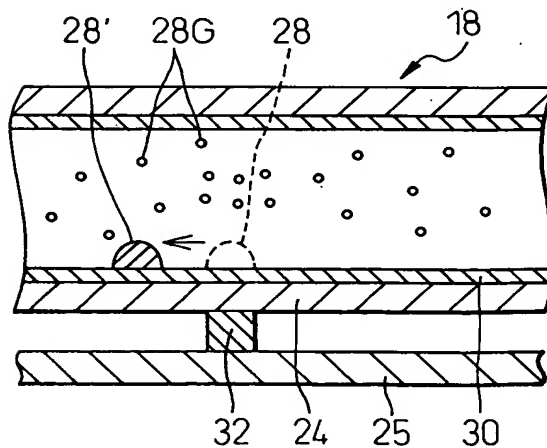


Fig.77



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Fig.78

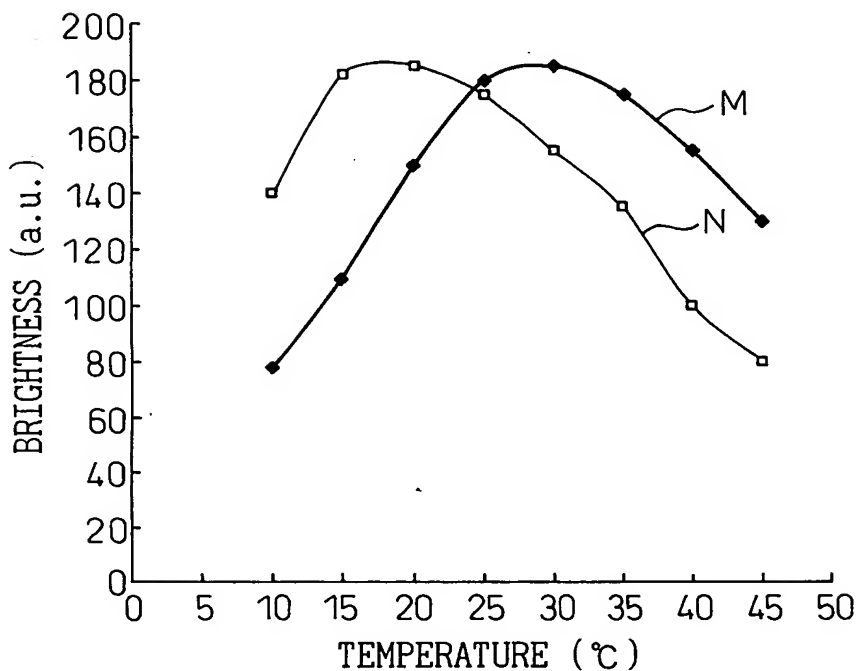
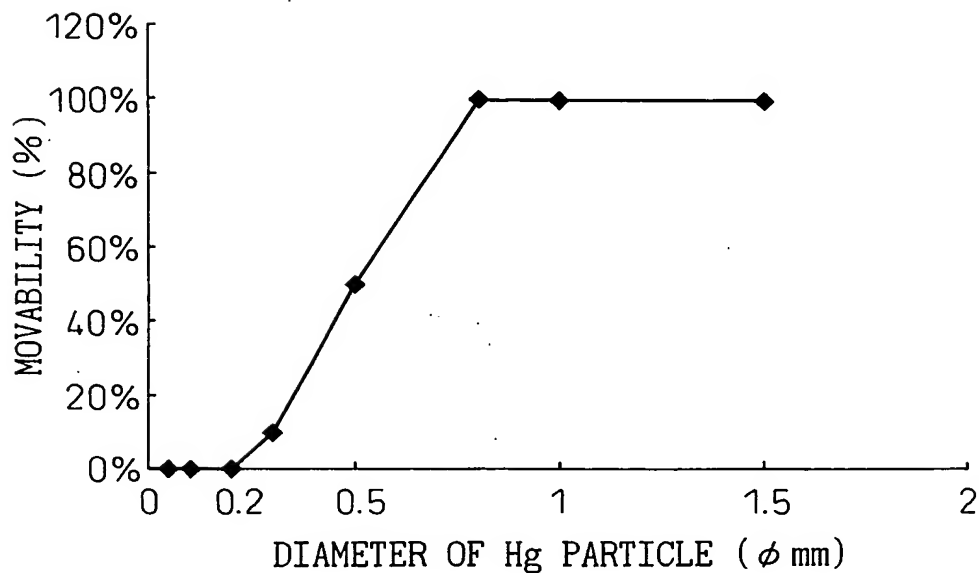


Fig.79



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Fig.80

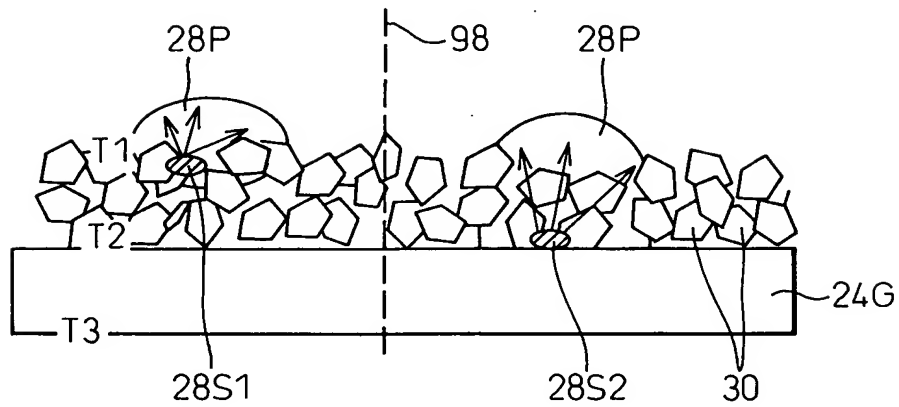


Fig.81

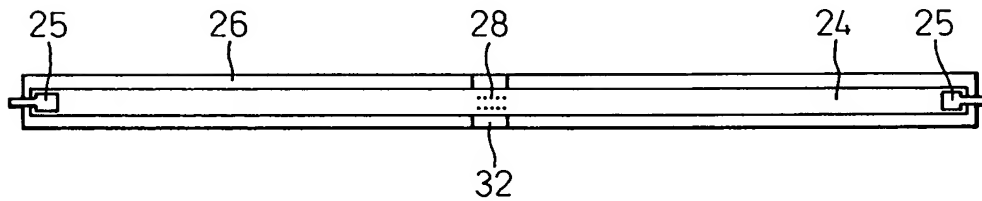
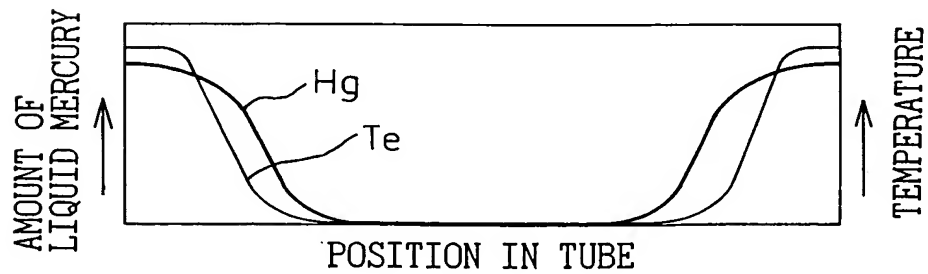


Fig.82



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Fig.83

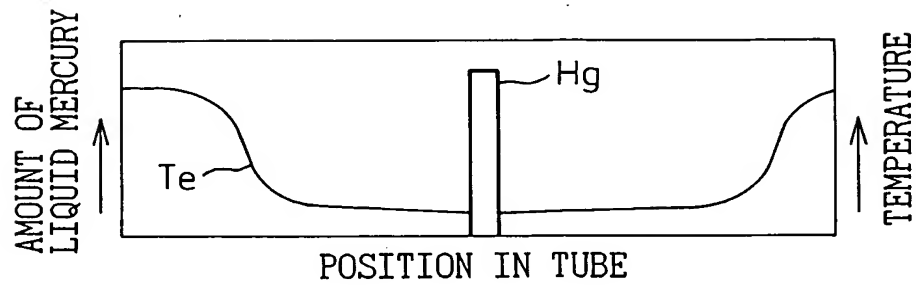


Fig.84

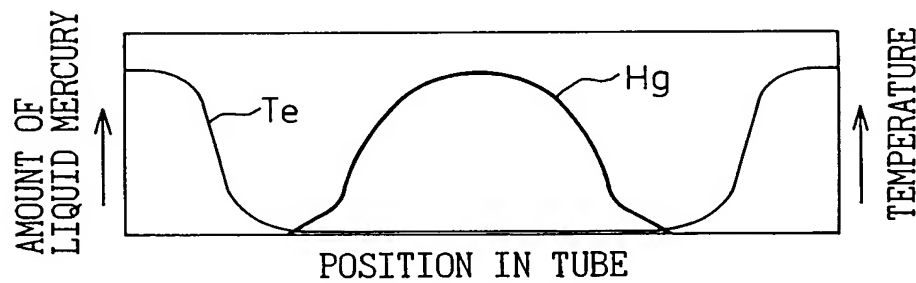
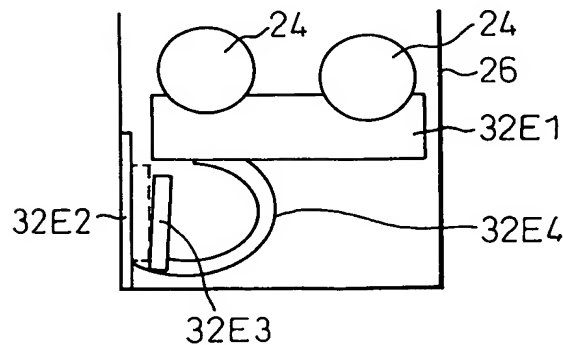


Fig.85



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Fig.86

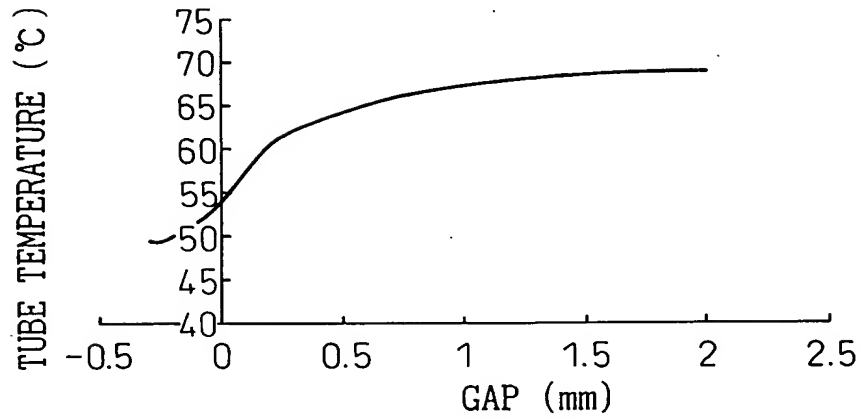
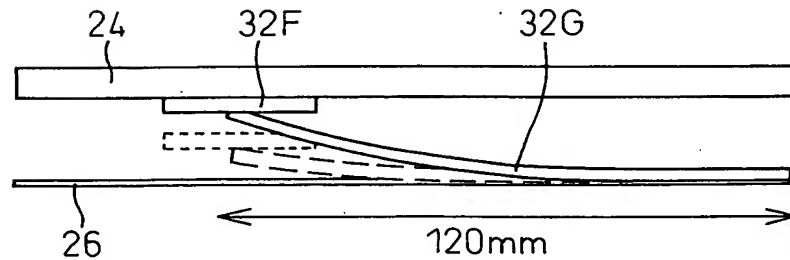


Fig.87



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Fig.88

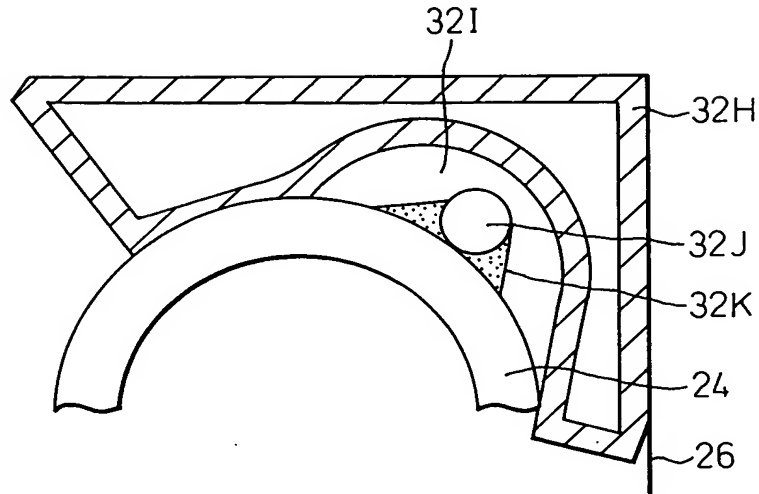
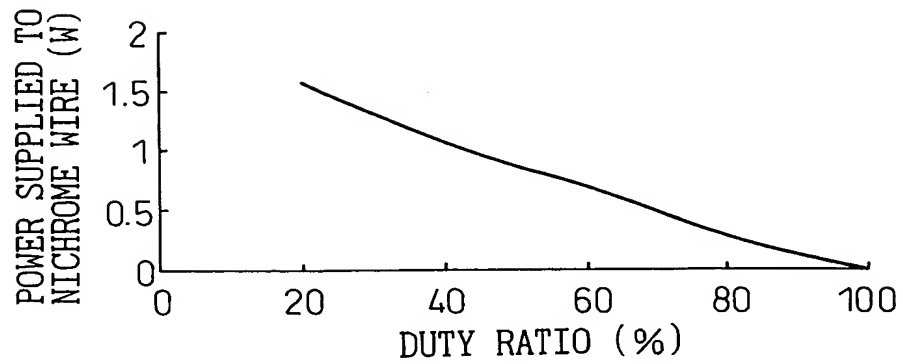


Fig.89



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Fig.90

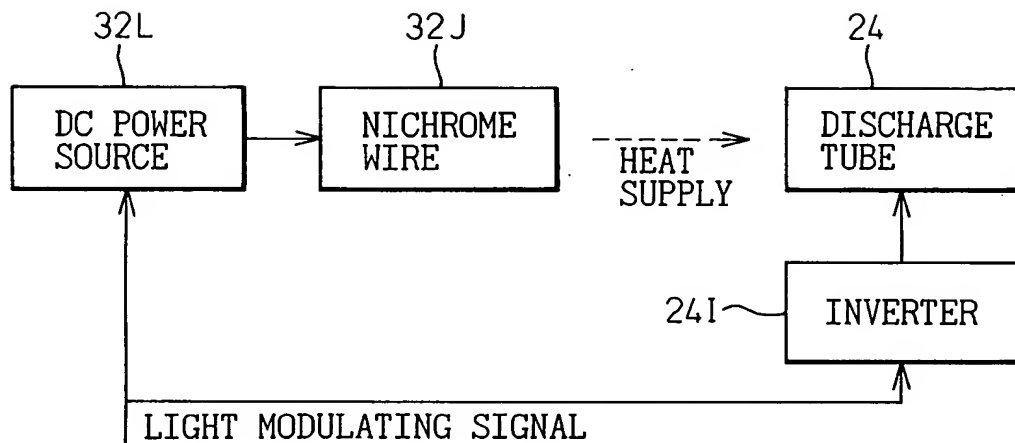


Fig.91

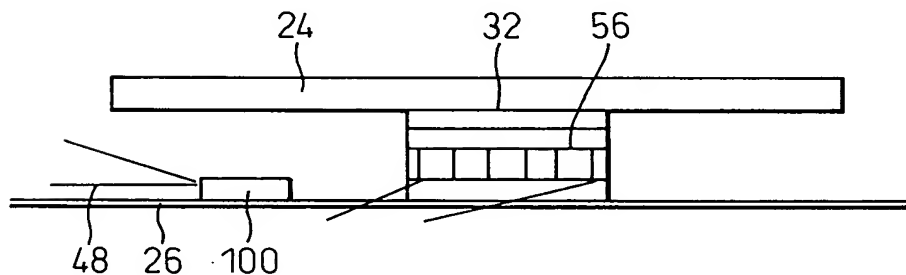
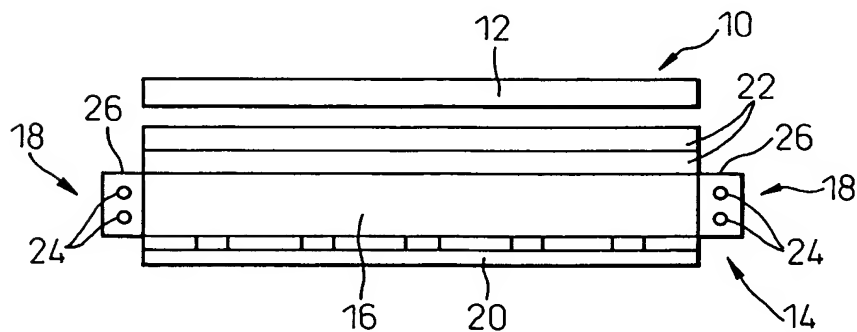


Fig.92



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Fig.93

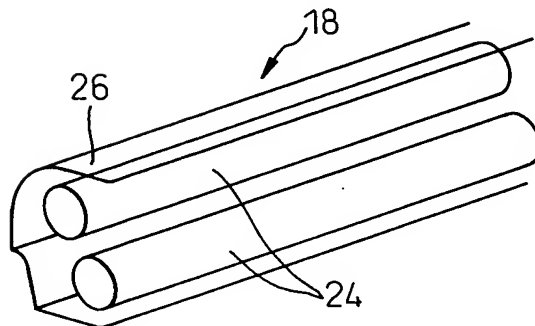


Fig.94

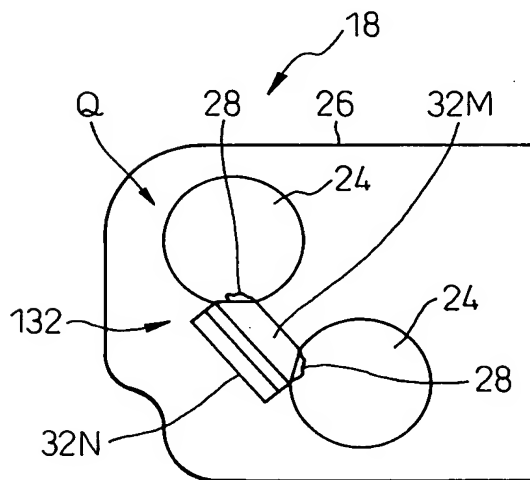
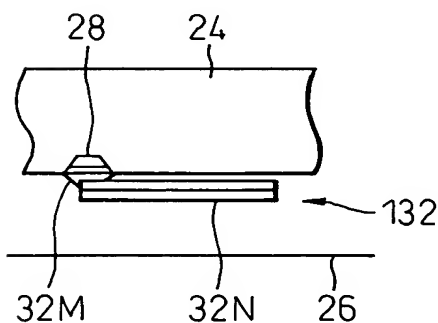


Fig.95



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Fig.96

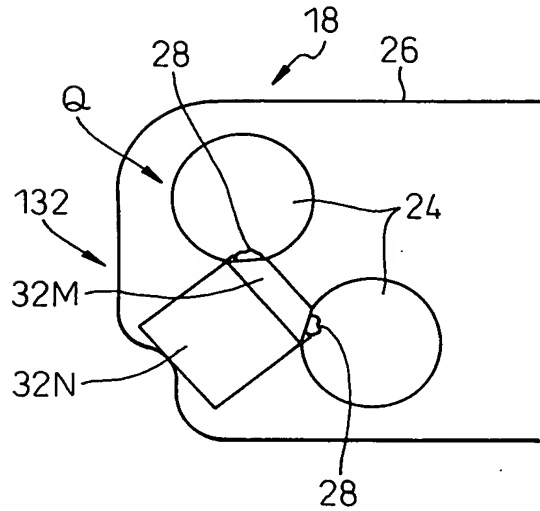
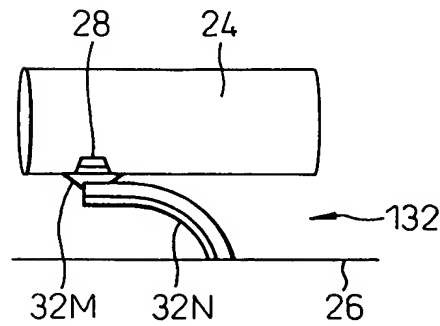


Fig.97



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Fig.98

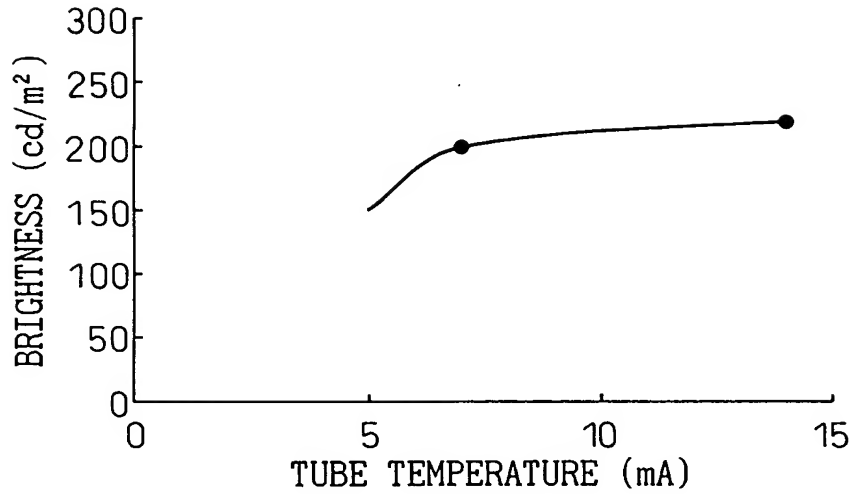
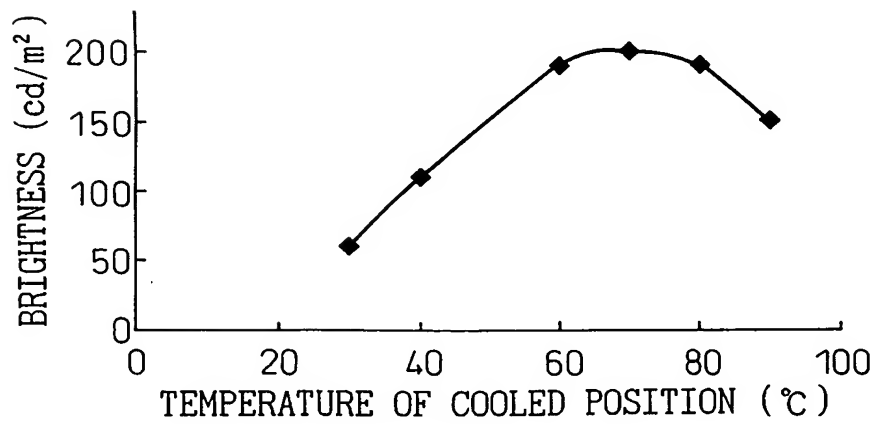


Fig.99



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Fig.100

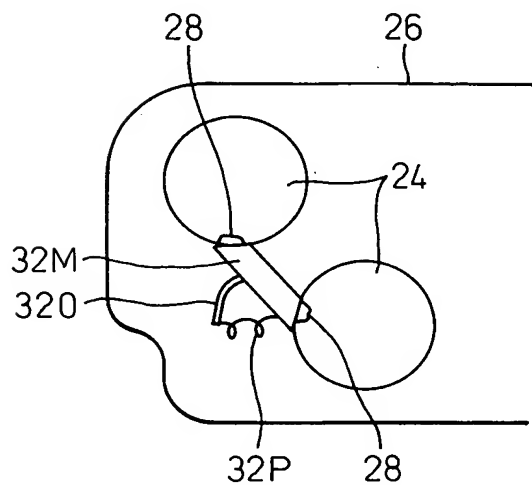


Fig.101

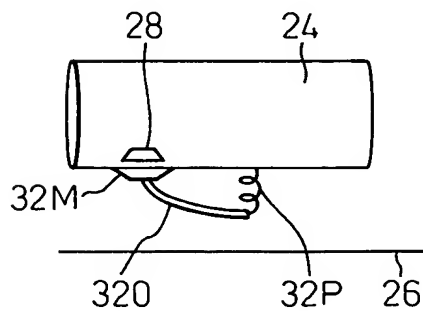


Fig.102

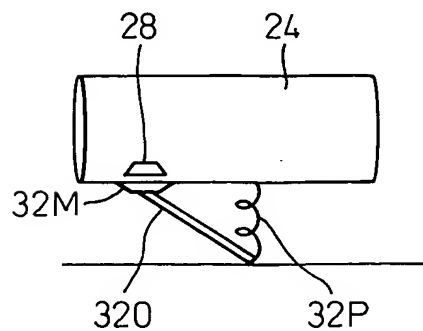


FIG. 100

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Fig.103

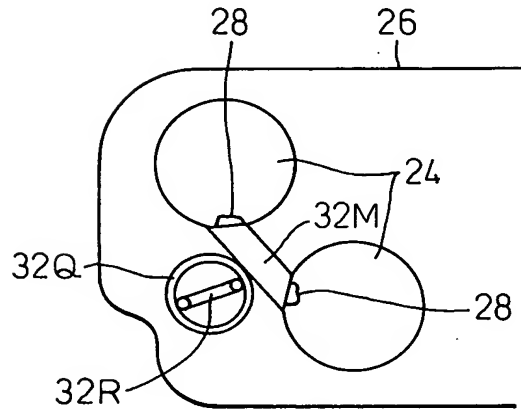


Fig.104

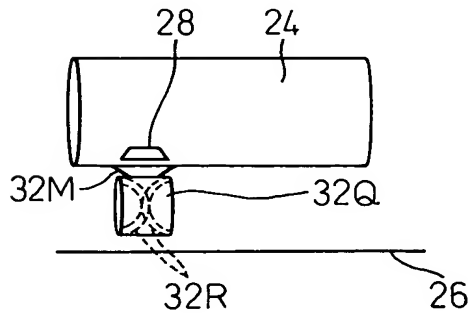
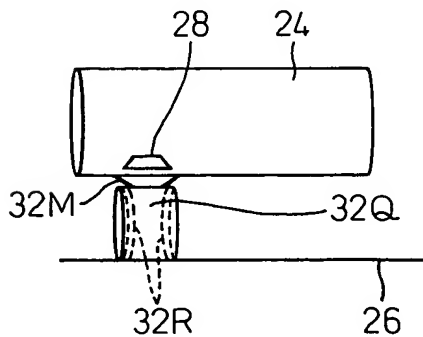


Fig.105



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Fig.106A

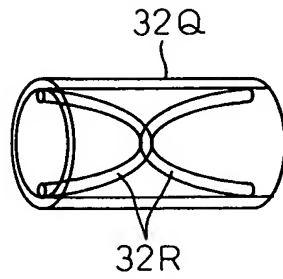


Fig.106B

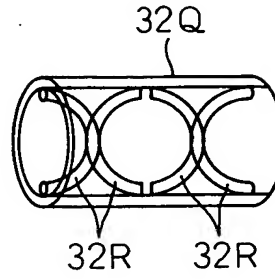


Fig.106C

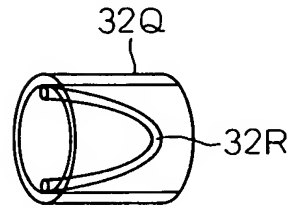


Fig.106D

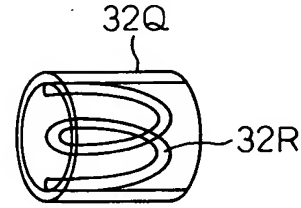
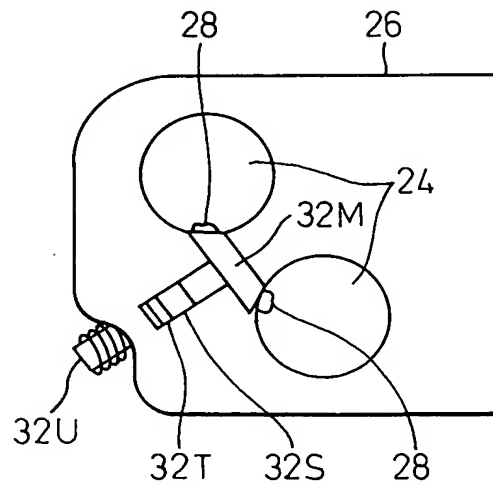


Fig.107



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Fig.108

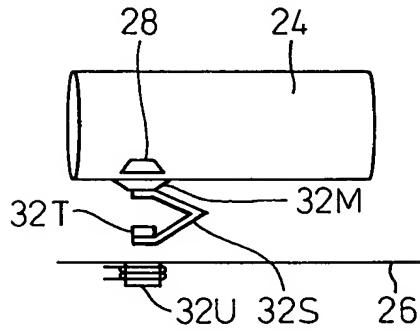


Fig.109

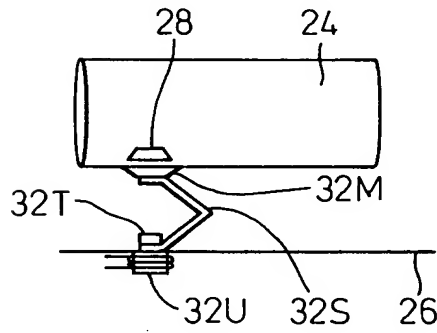
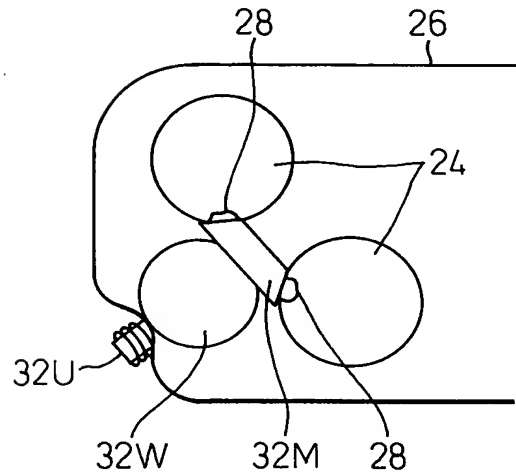


Fig.110



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Fig.111

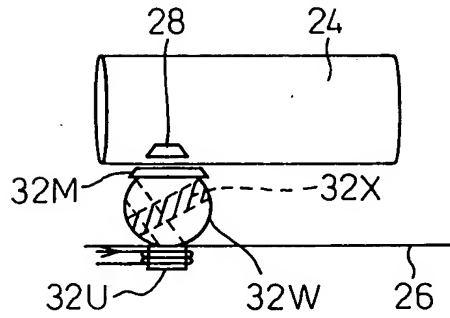


Fig.112

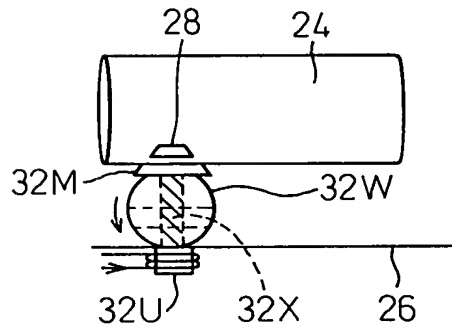


Fig.113

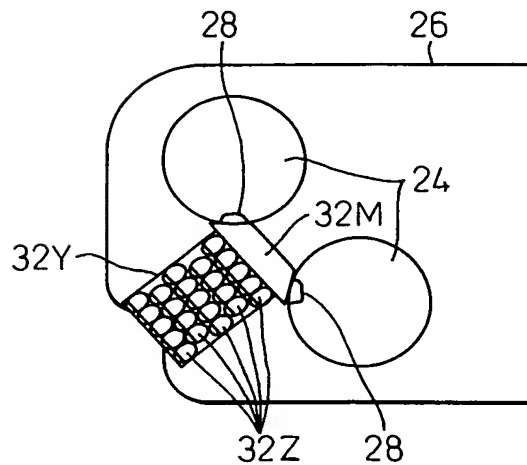


FIG. 111

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Fig.114

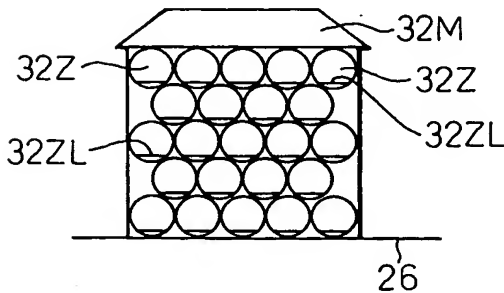


Fig.115

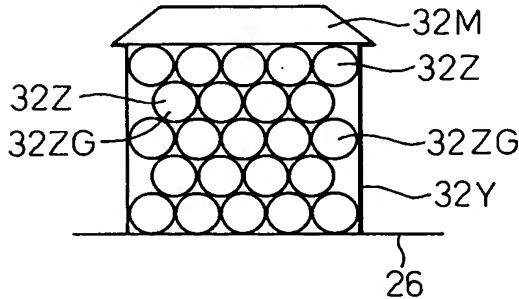
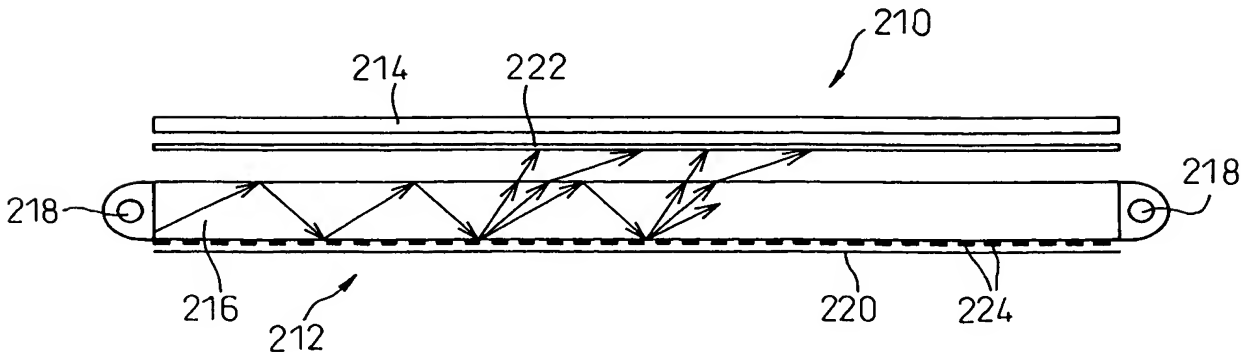


Fig.116

[illegible]

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Fig.117A

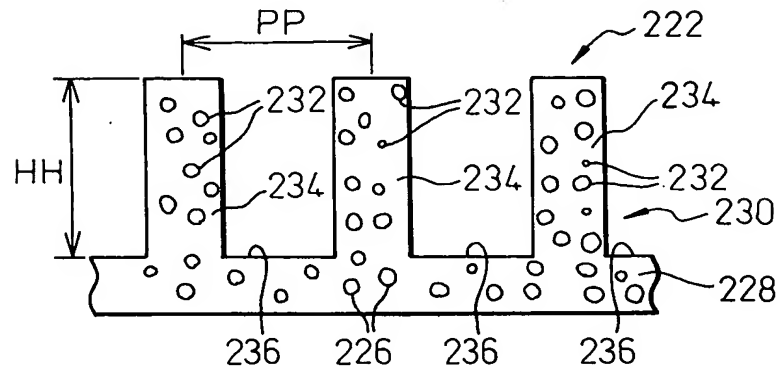


Fig.117B

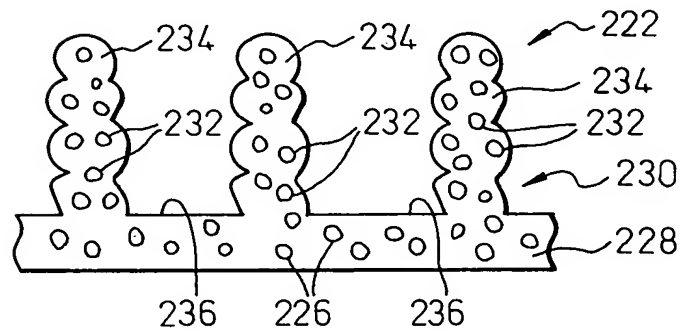


Fig.117C

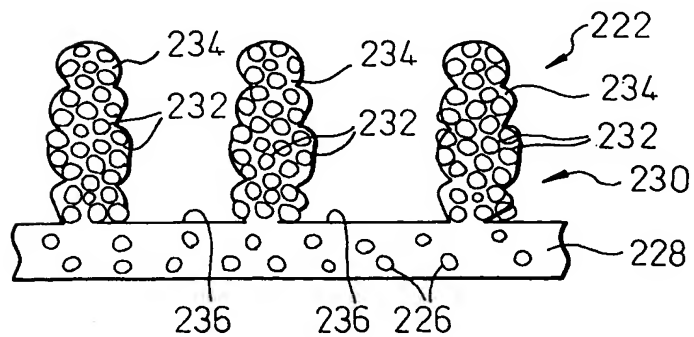


FIG. 117A

Fig.118A

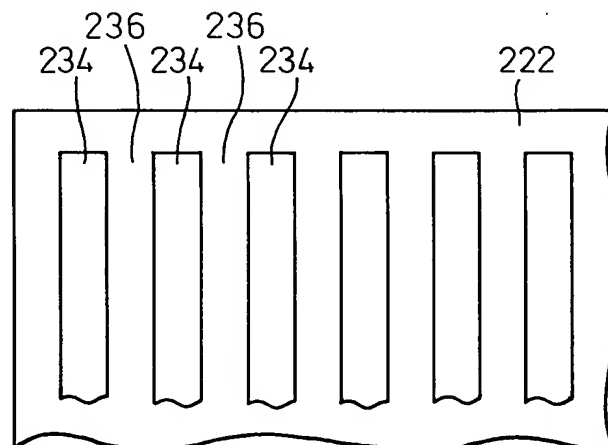
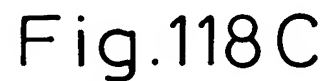
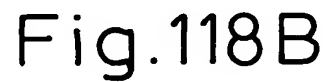


Fig.119

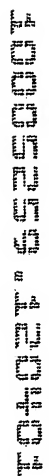


Figure 1 is a schematic diagram of a periodic structure. It shows a series of vertical lines forming a grid. A horizontal line is labeled 'HH' on the left and 'HH/2' on the right. A wavy line is labeled '234' and '234A'. A curved line is labeled '236'. A horizontal distance is labeled 'S1' and 'S2'. An angle is labeled 'β'.

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Fig.121

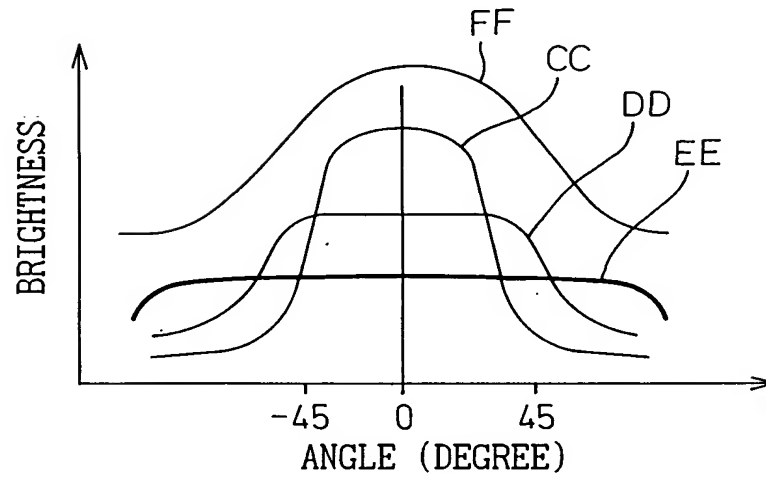


Fig.122

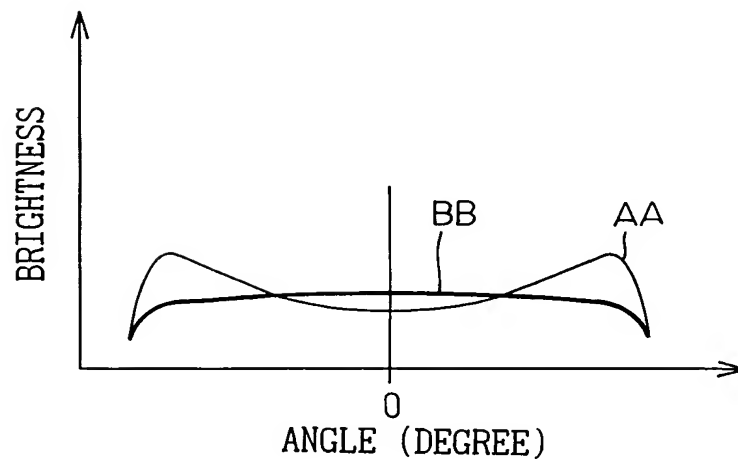


FIG. 121

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Fig.123

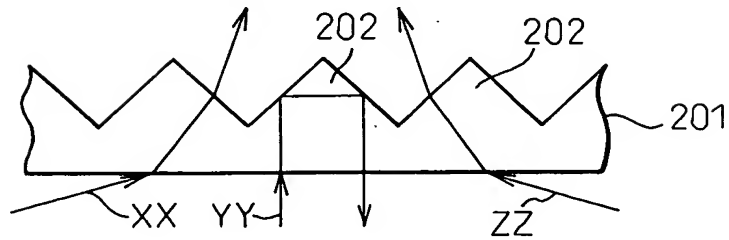


Fig.124

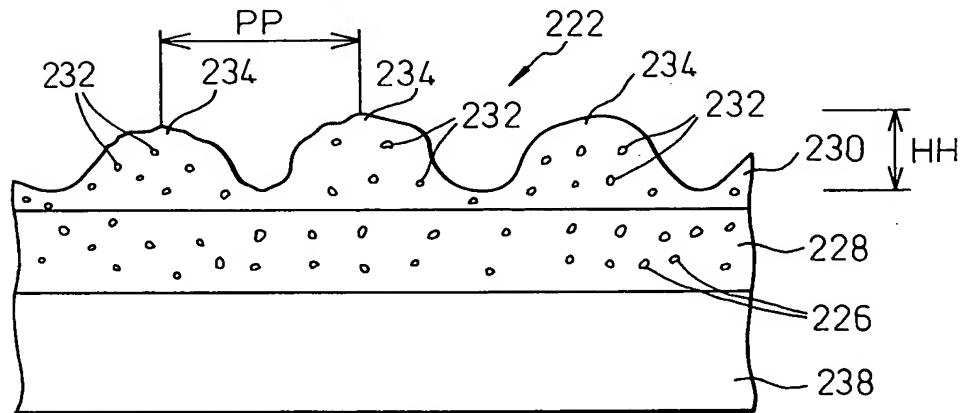
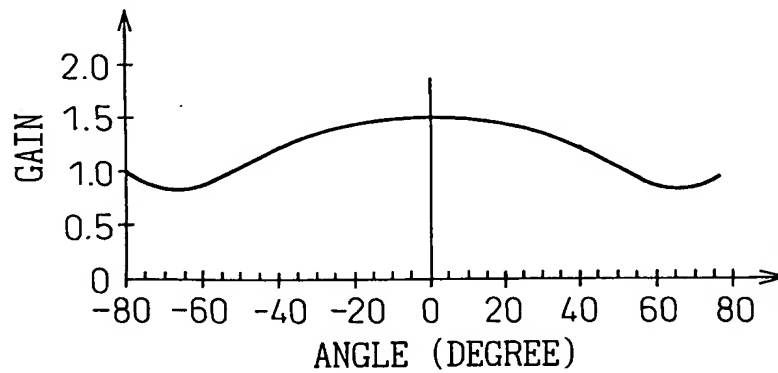


Fig.125



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Fig.126A

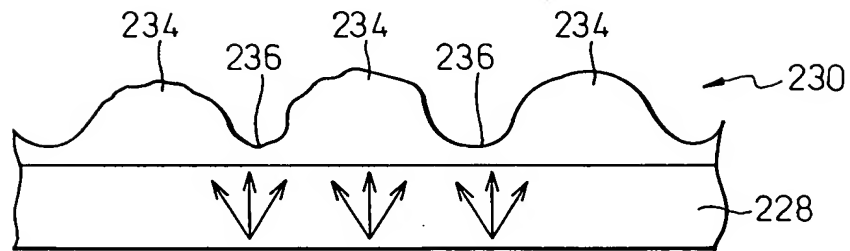


Fig.126B

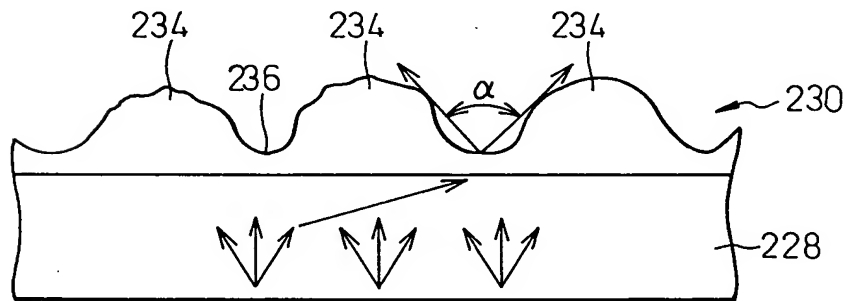


Fig.126C

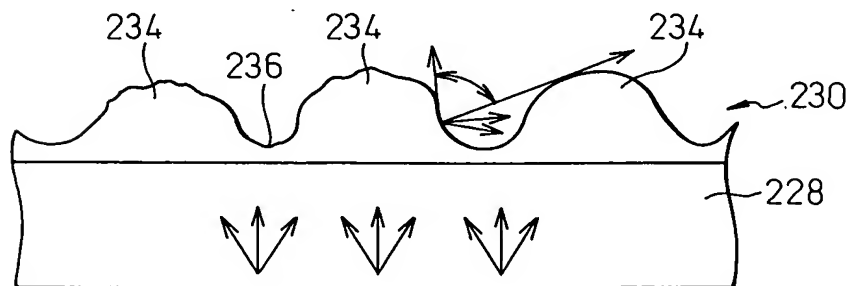


FIG. 126A

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Fig.127A

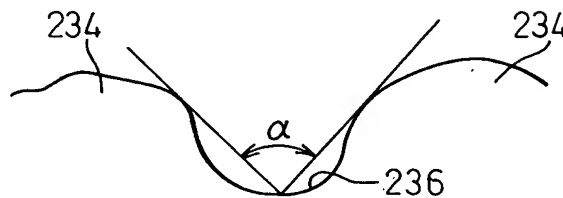


Fig.127B

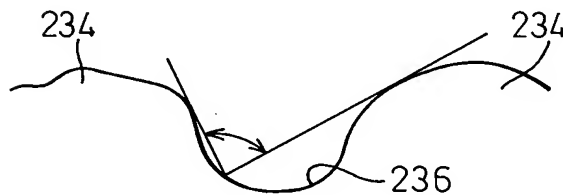


Fig.127C

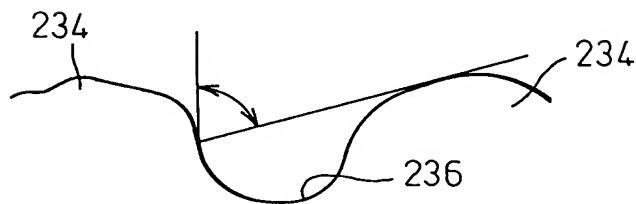


Fig.127D

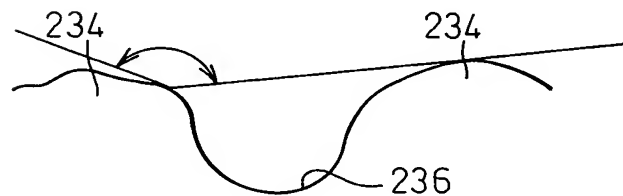


Fig.127E

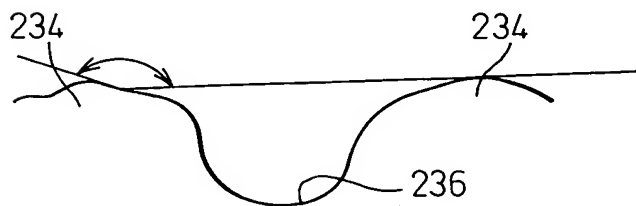


FIG. 127A

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Fig.128A



Fig.128B

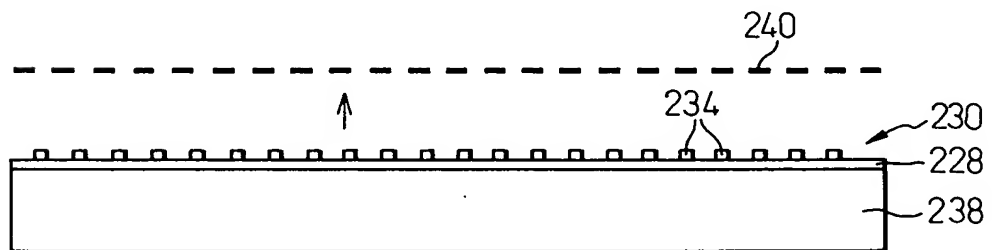
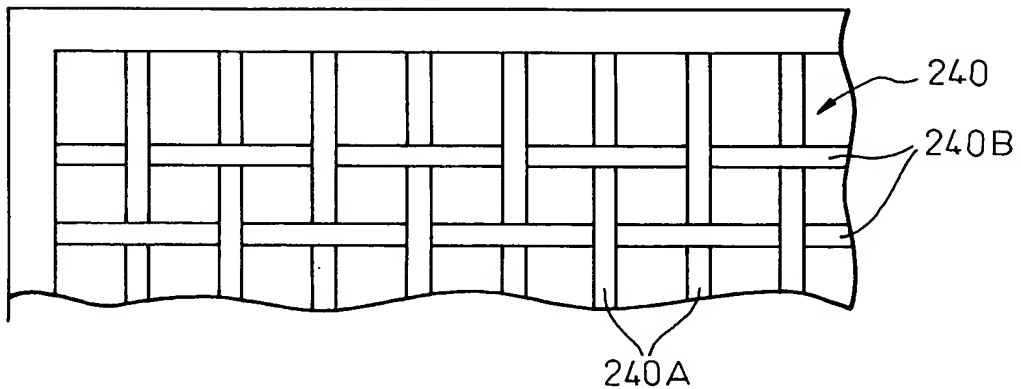


Fig.129



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Fig.130A

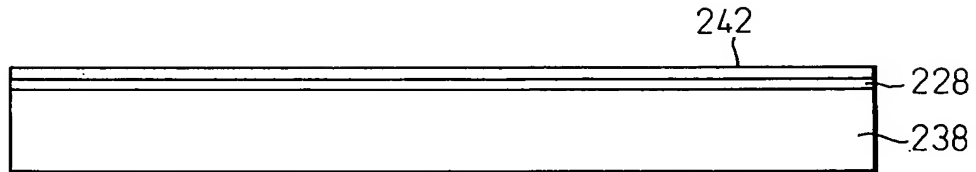


Fig.130B

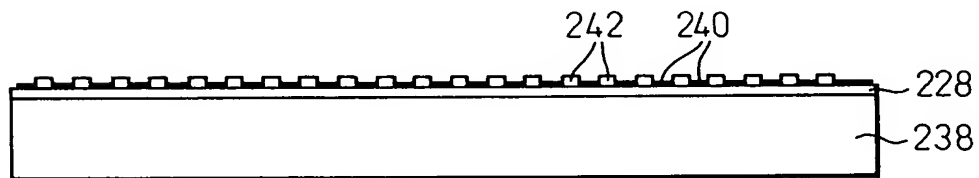
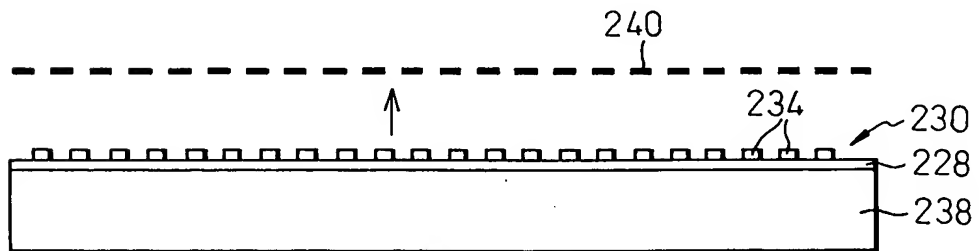


Fig.130C



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Fig.131A

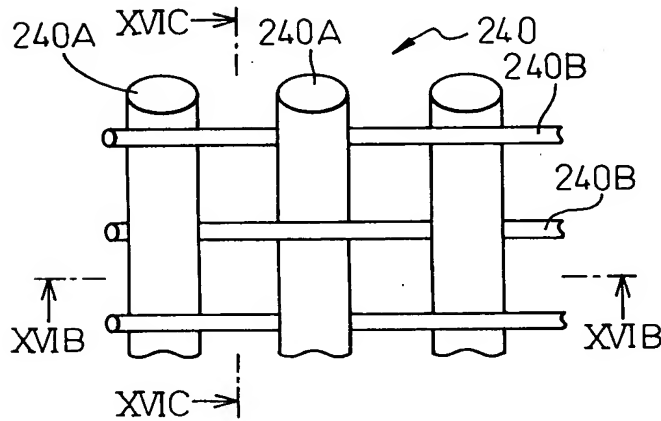


Fig.131C

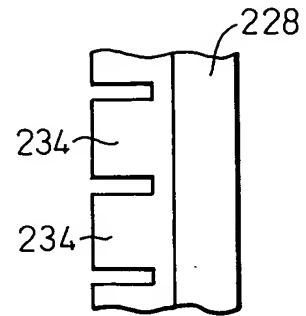


Fig.131B

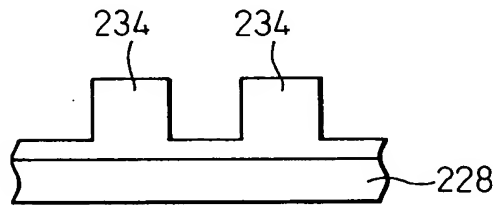
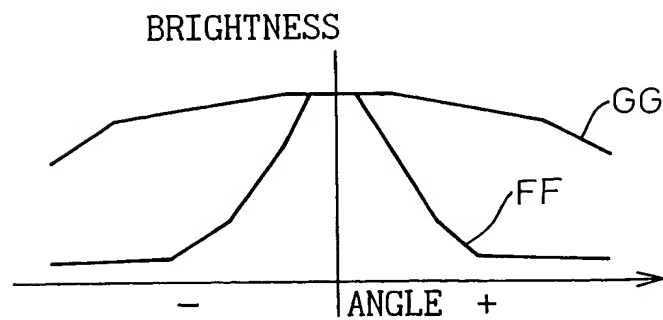


Fig.132



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Fig.133

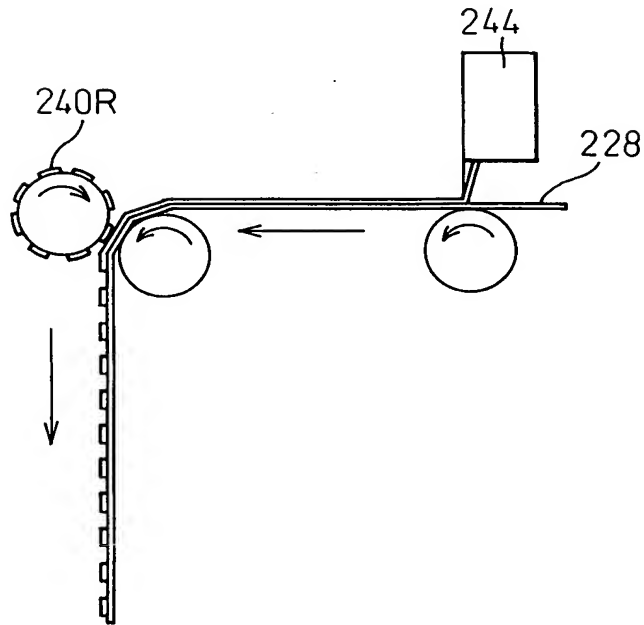


Fig.134

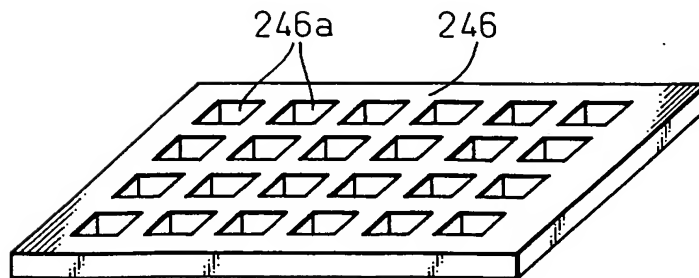


FIG. 133

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Fig.135

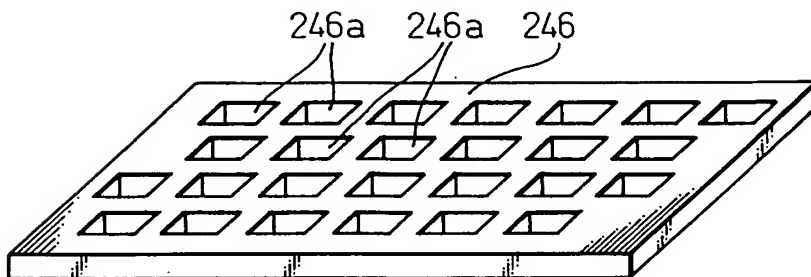
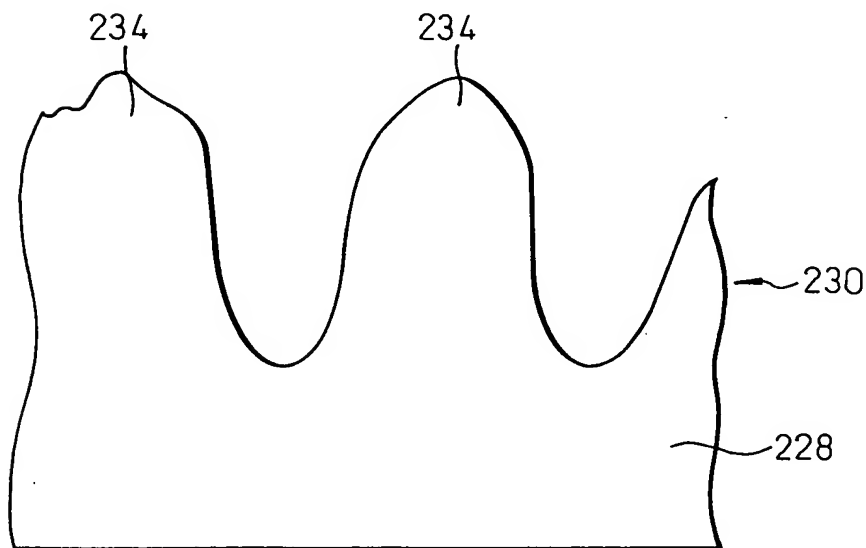


Fig.136



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Fig.137A

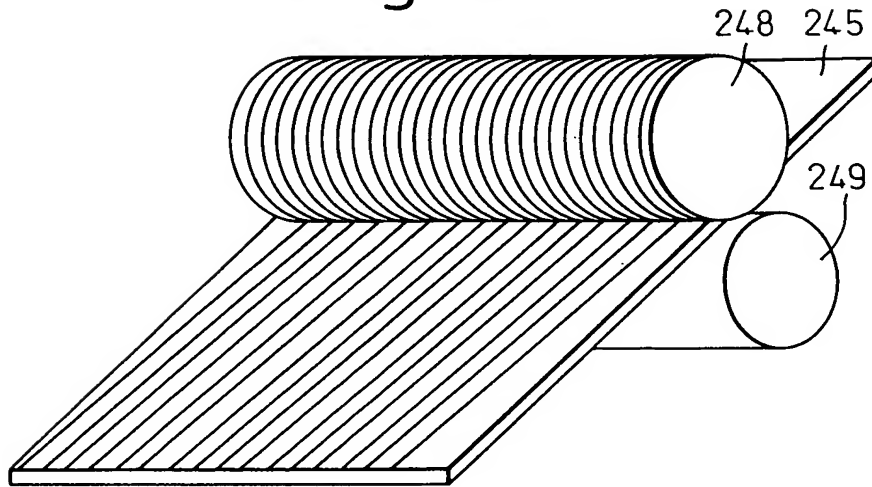


Fig.137B

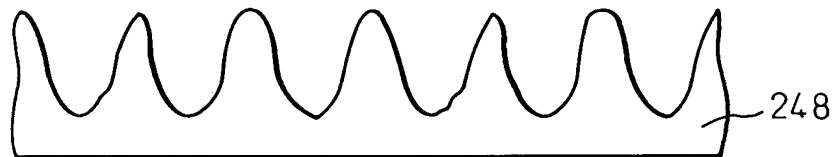
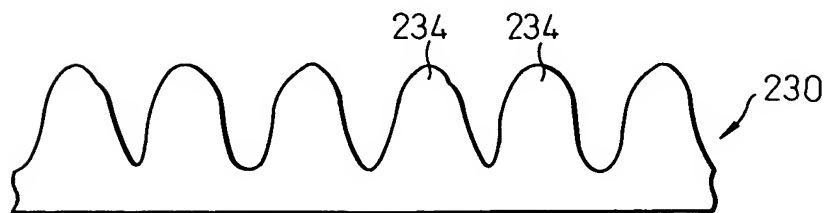


Fig.137C



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Fig.138

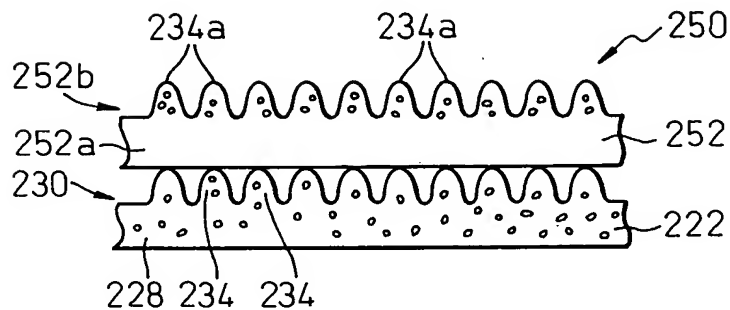


Fig.139

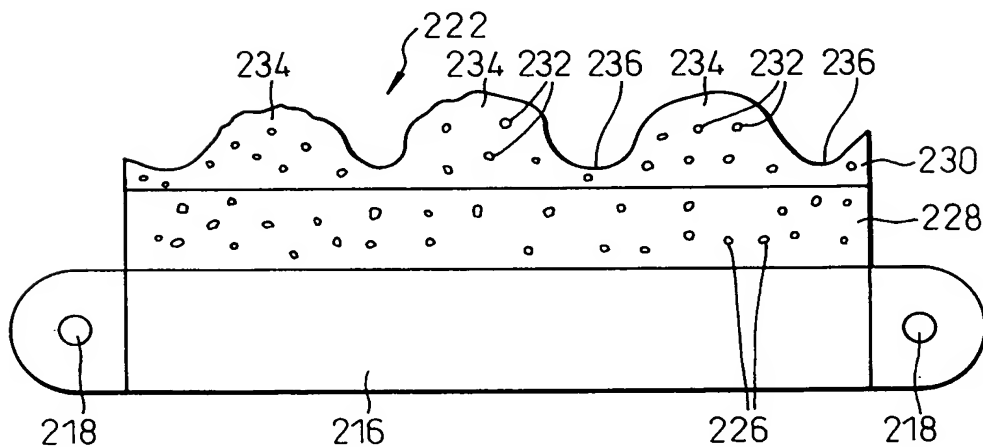


Fig.140

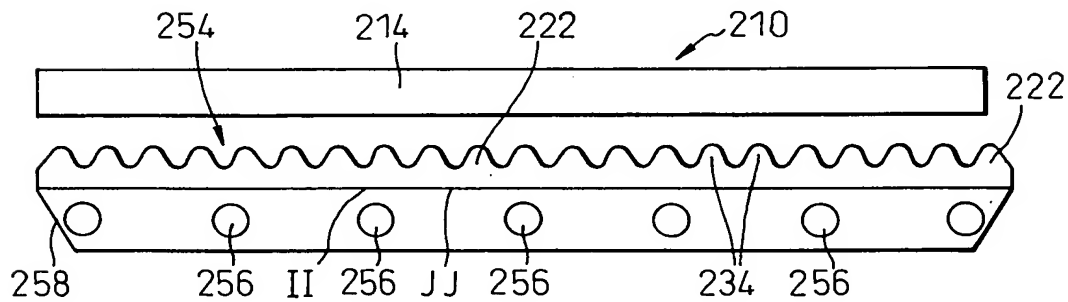


Fig.141

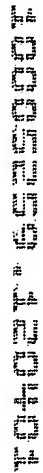
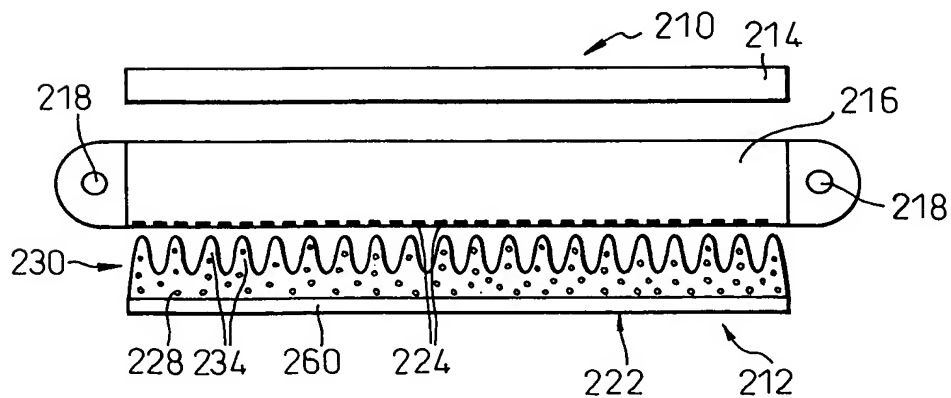


Fig.142



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Fig.143A

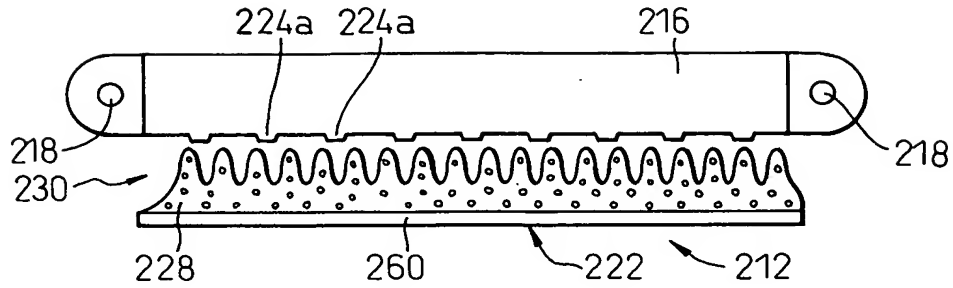


Fig.143B

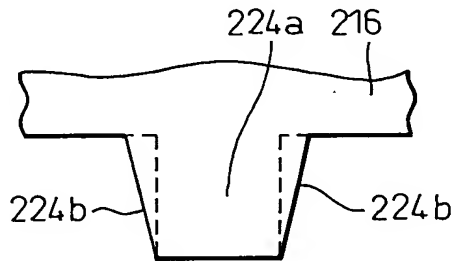


Fig.144A

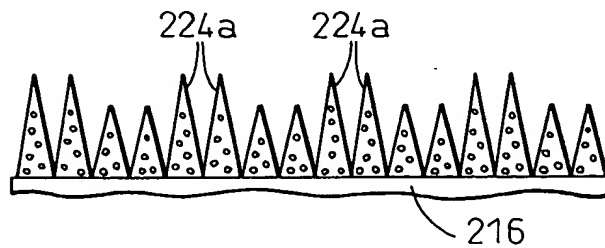
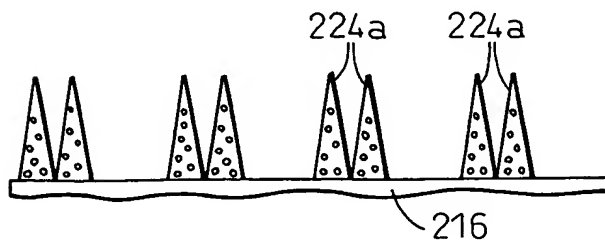


Fig.144B



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Fig.145

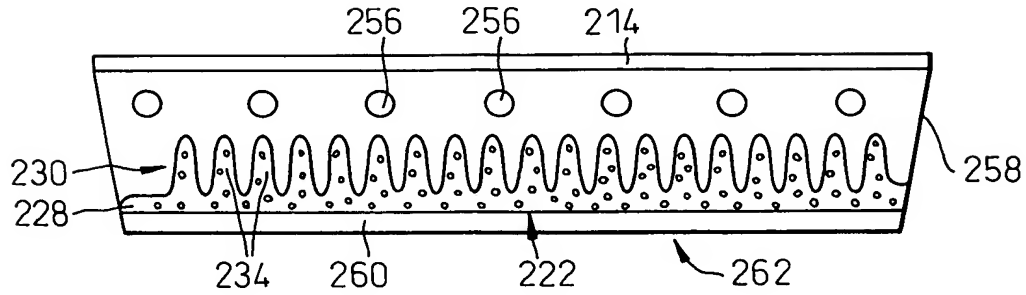


Fig.146

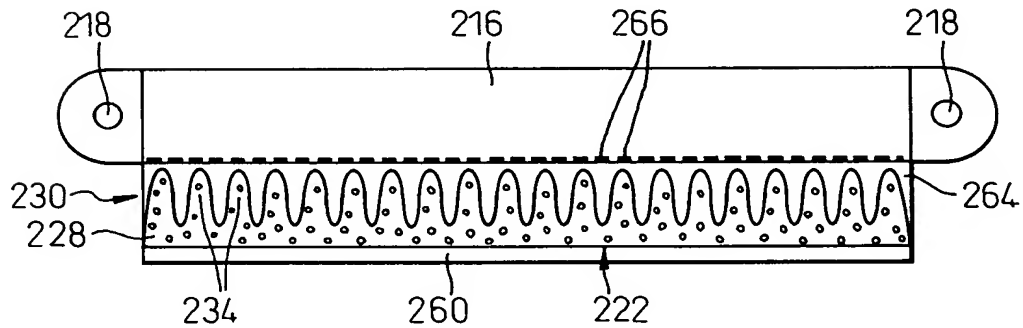
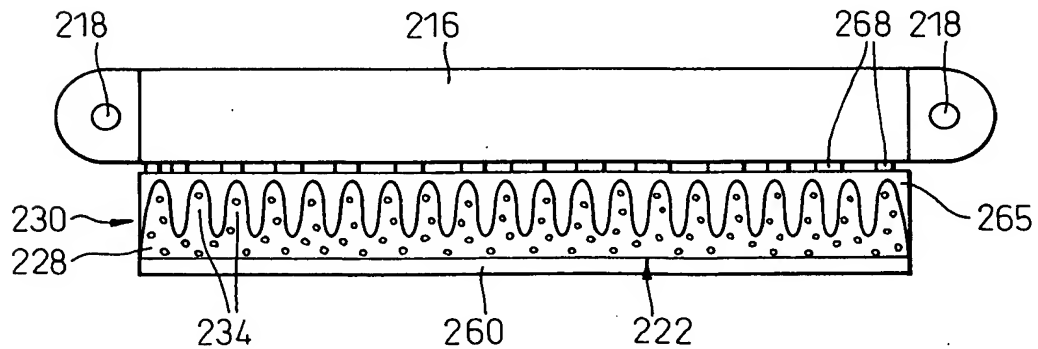


Fig.147



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Fig.148A

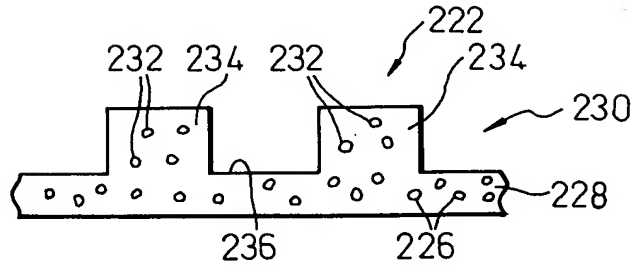


Fig.148B

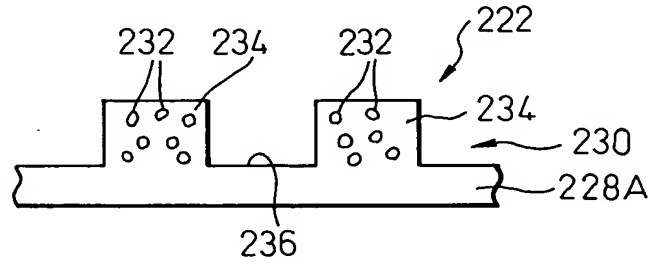


Fig.148C

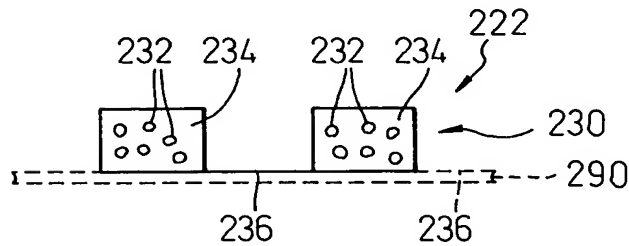


Fig.148D

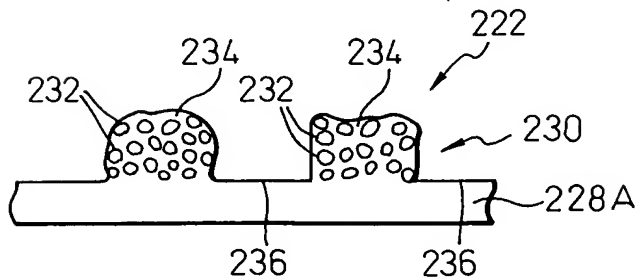


FIG. 148A

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Fig.149A

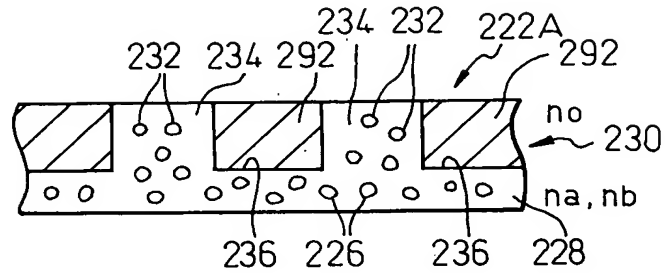


Fig.149B

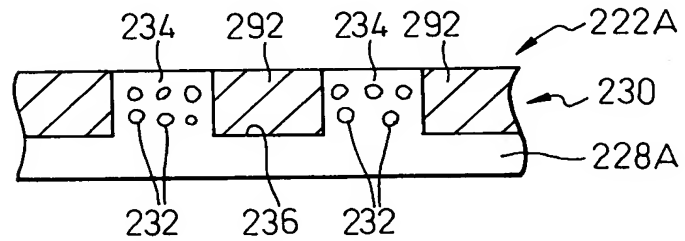


Fig.149C

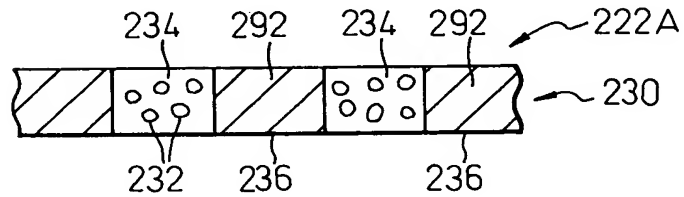


Fig.149D

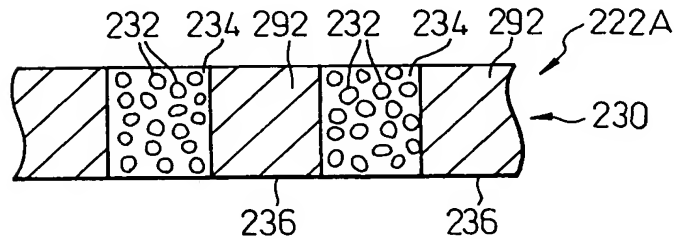


Fig.149E

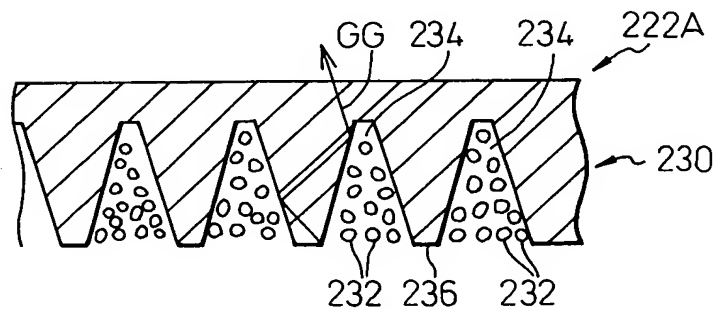


FIG. 149A

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Fig.150A

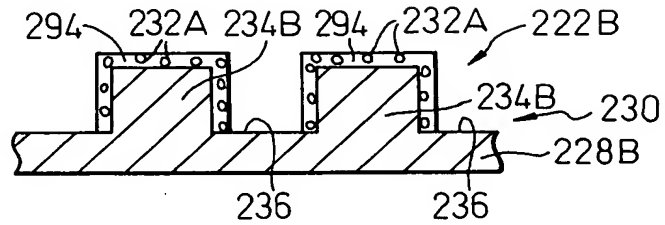


Fig.150B

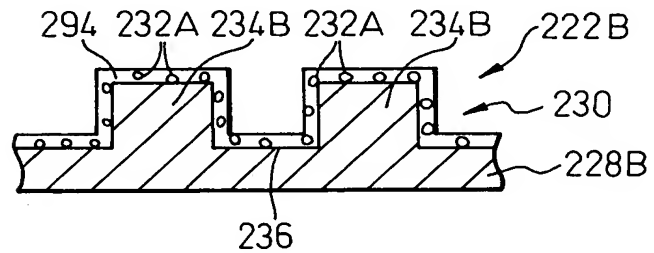


Fig.150C

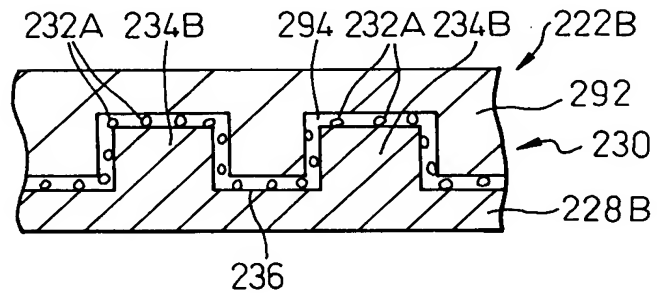


Fig.150D

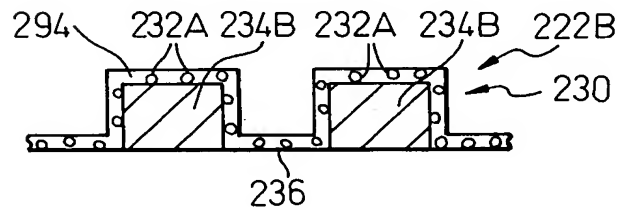
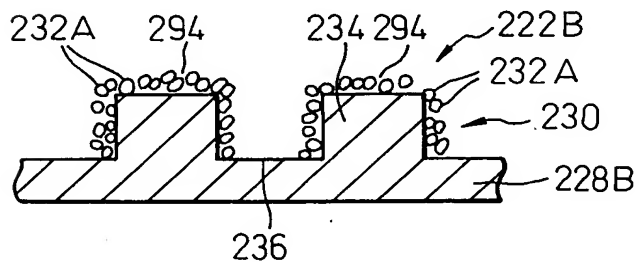


Fig.150E



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Fig.151



Fig.152A

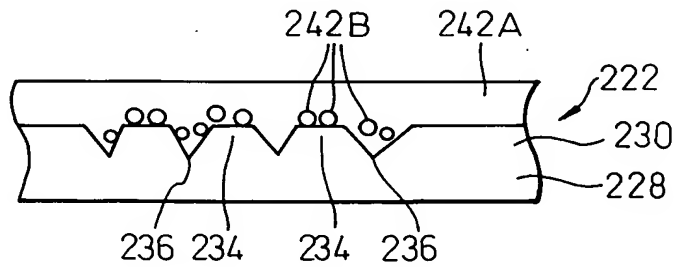


Fig.152B

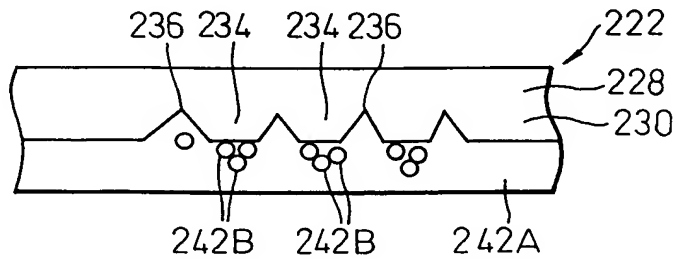


FIG. 152A

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Fig.153A

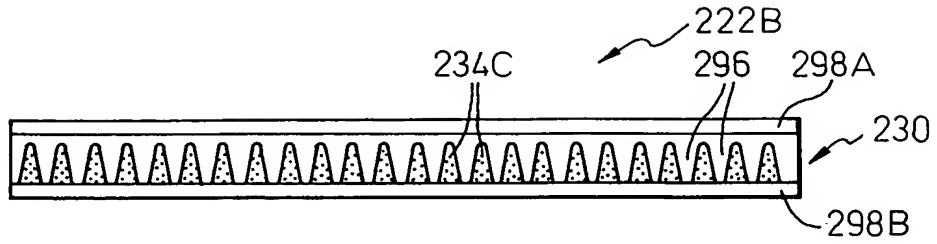


Fig.153B

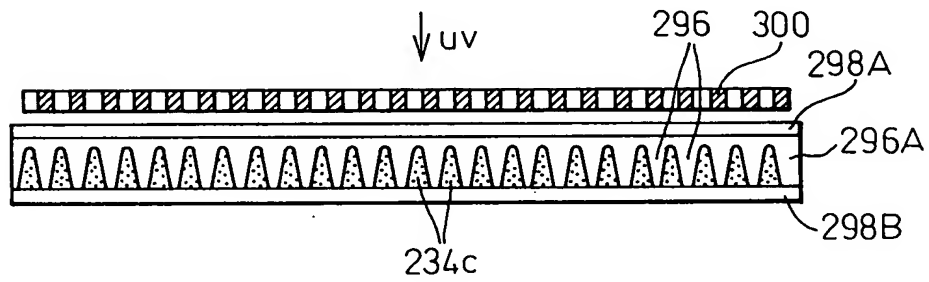
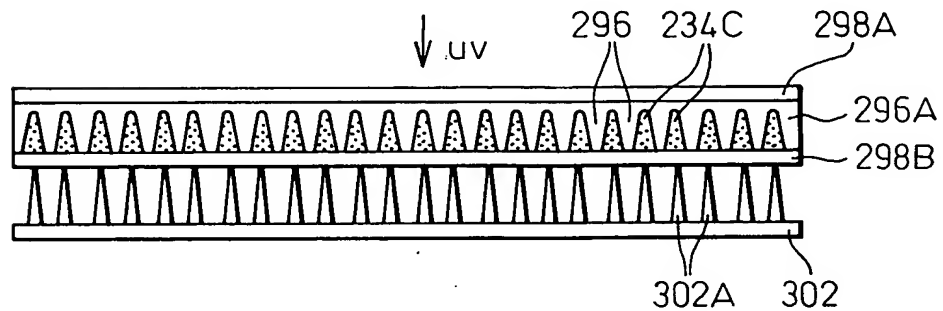


Fig.153C



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Fig.154

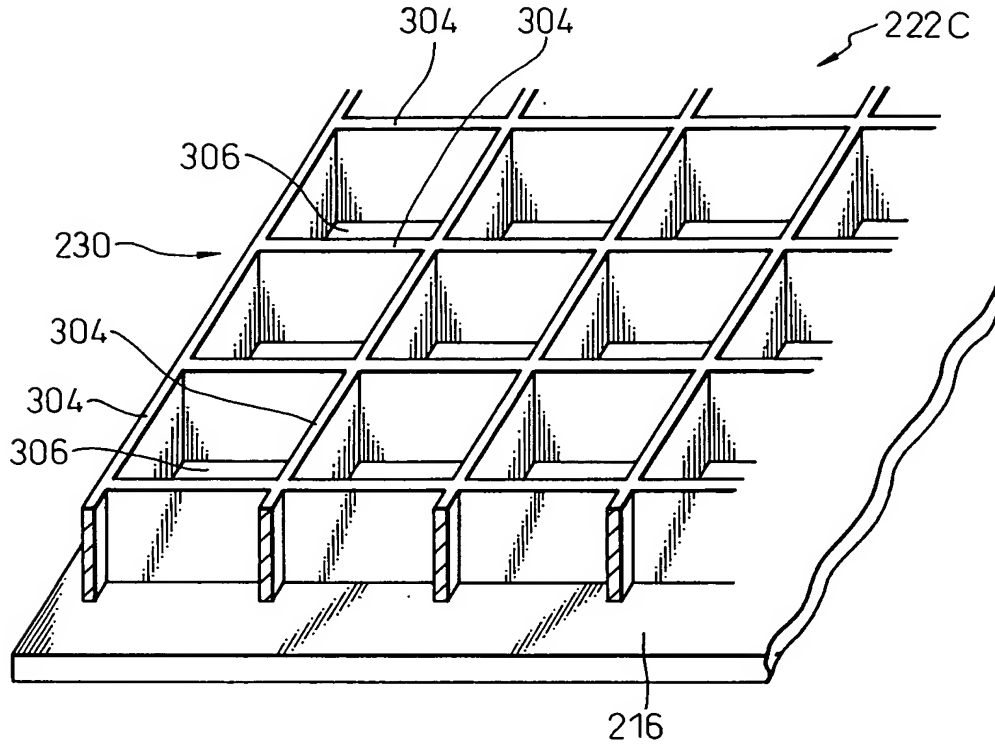
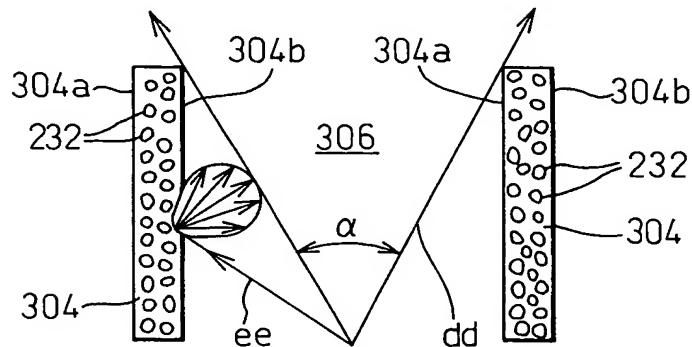


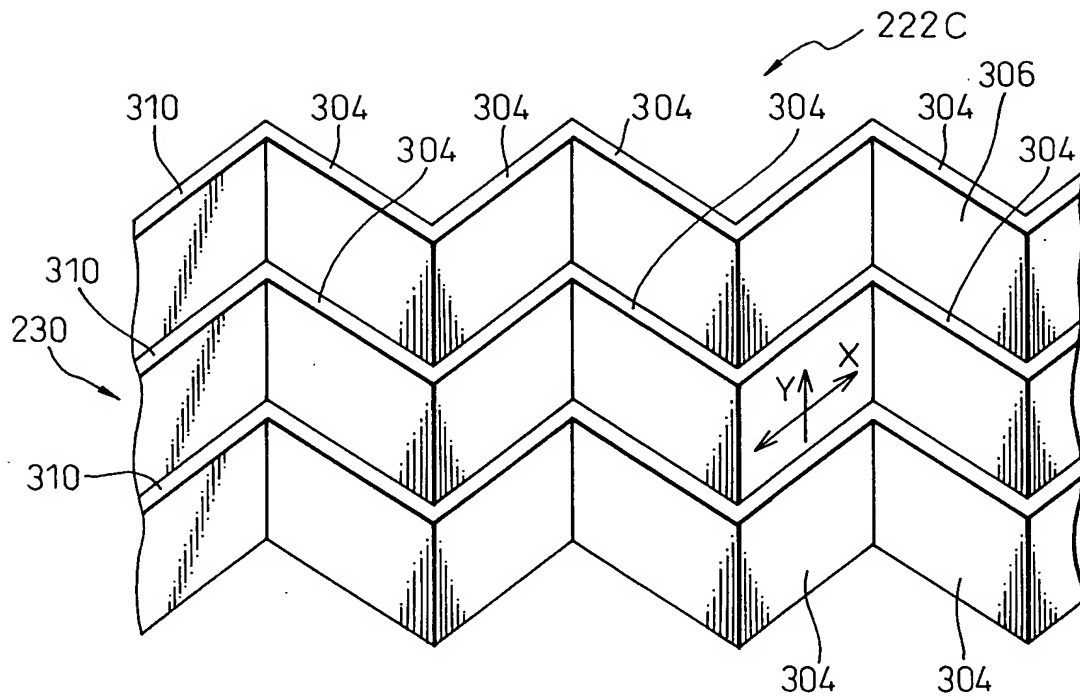
Fig.155



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Fig.156



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Fig.157A

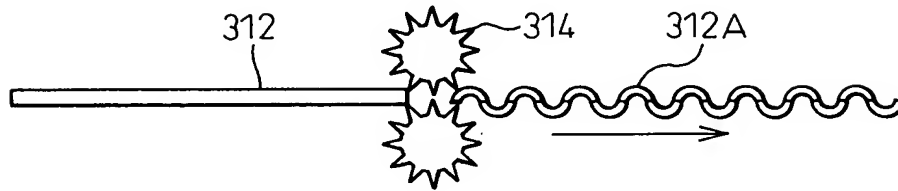


Fig.157B

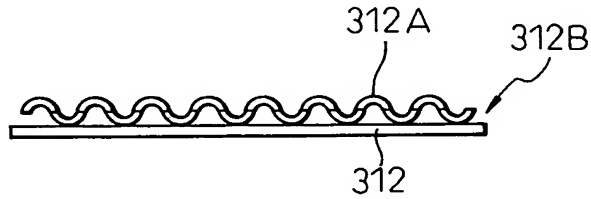


Fig.157C

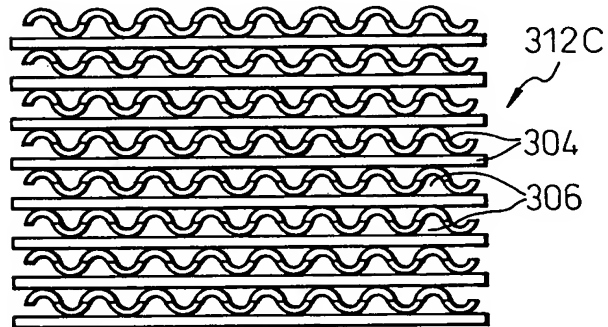
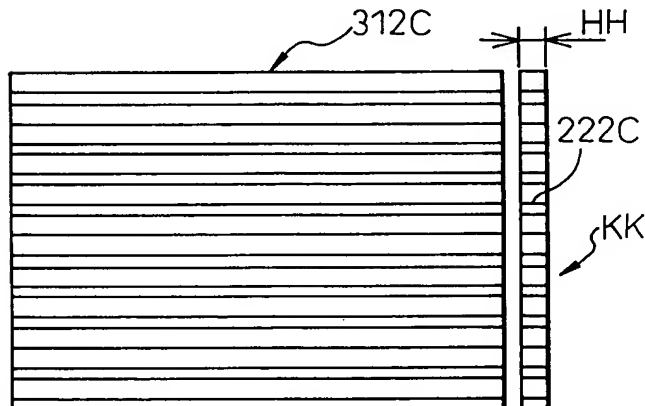


Fig.157D



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Fig.158

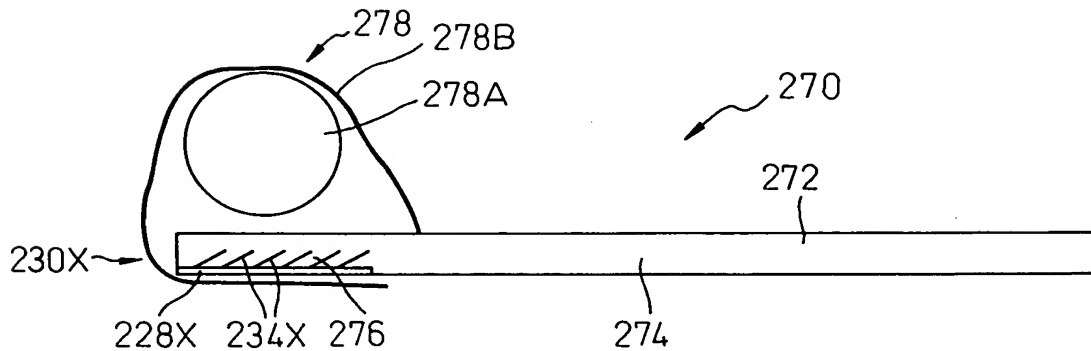


Fig.159

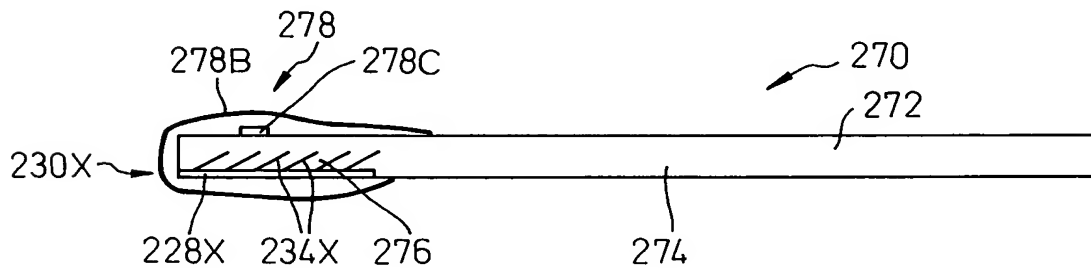
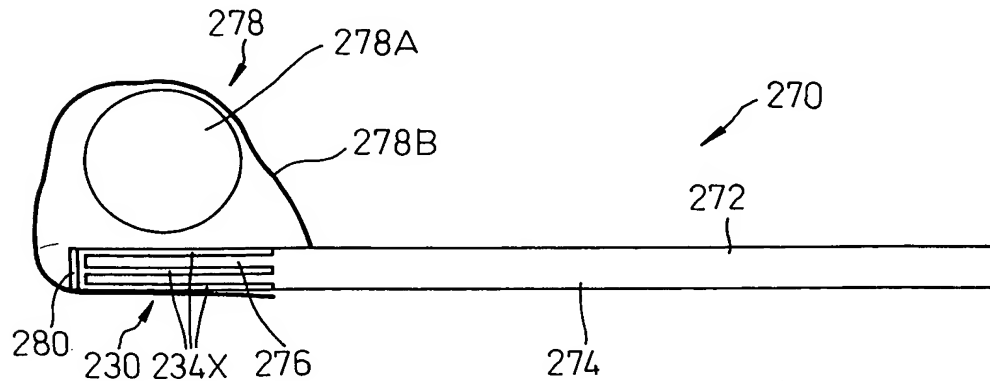


Fig.160



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Fig.161

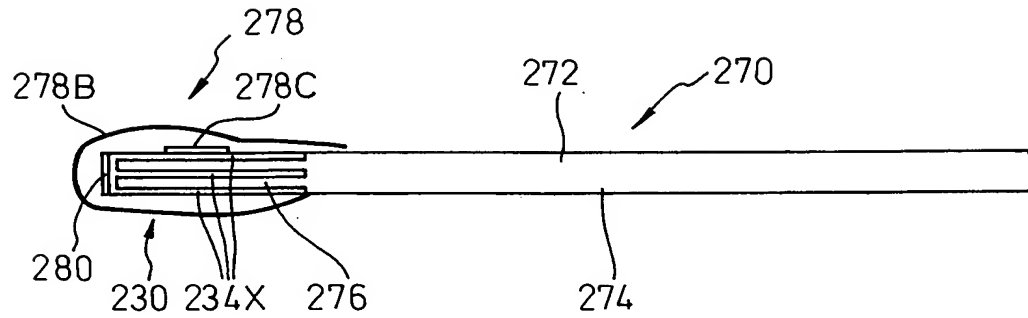


Fig.162

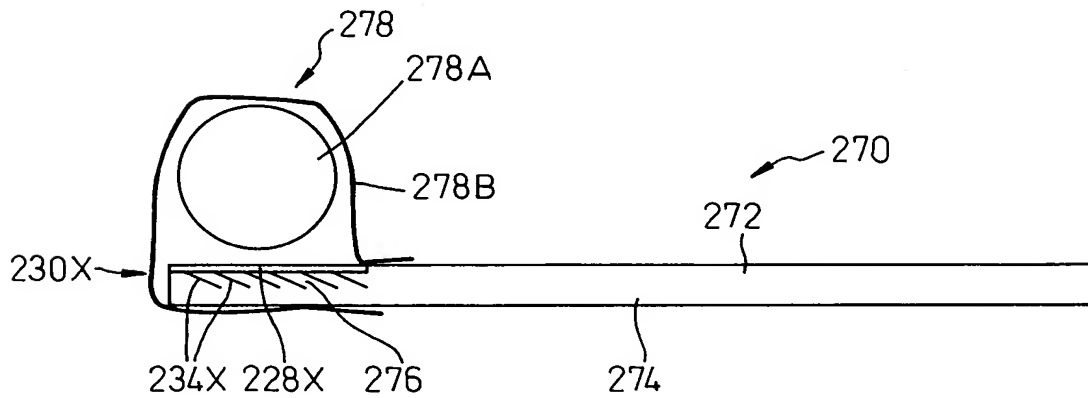
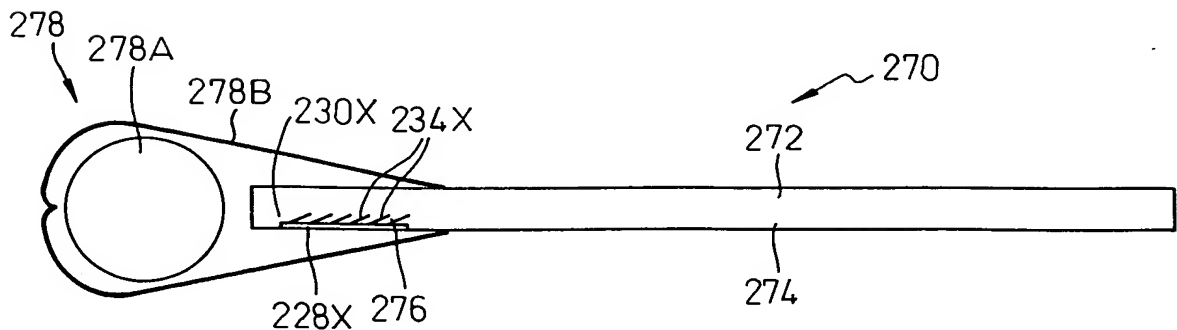


Fig.163



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Fig.164

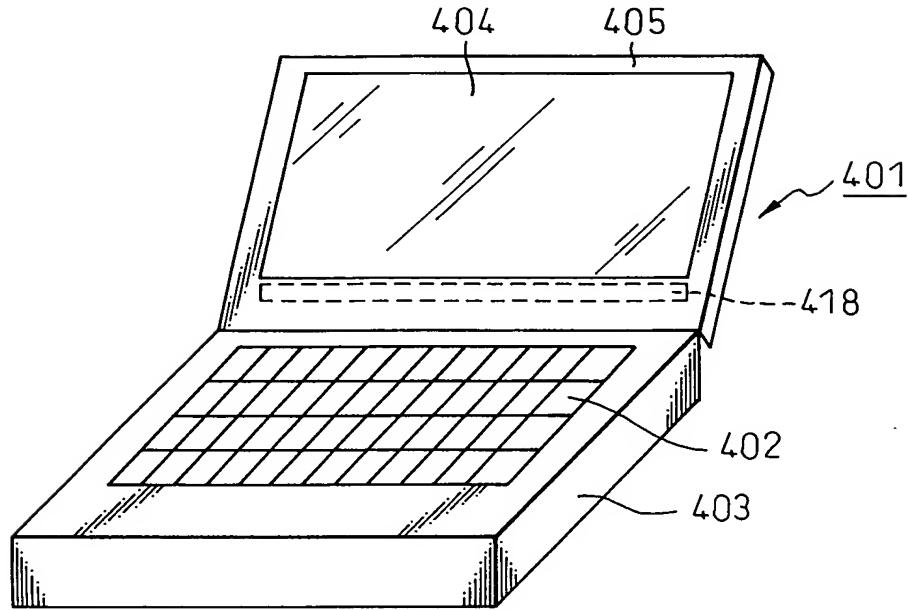


Fig.165

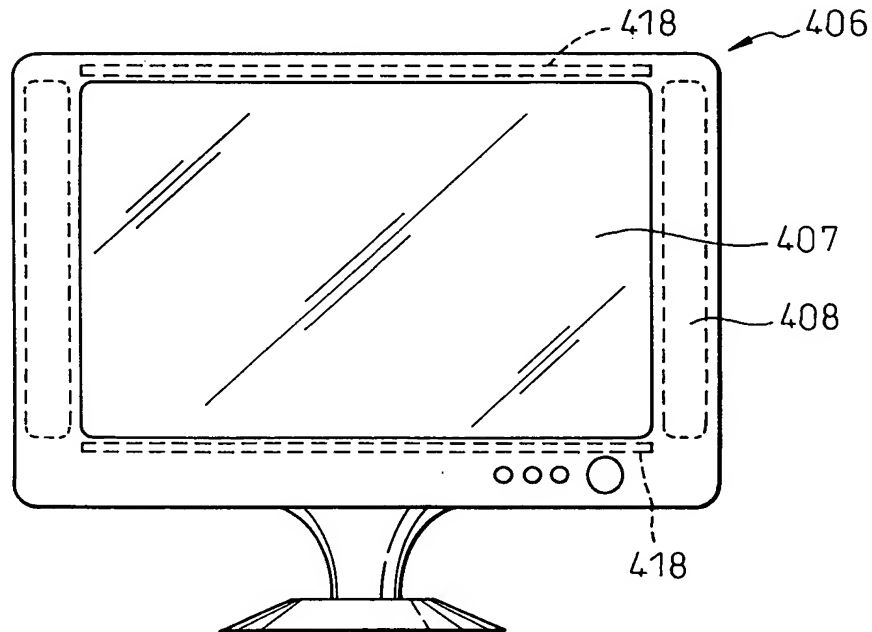


FIG. 164

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Fig.166

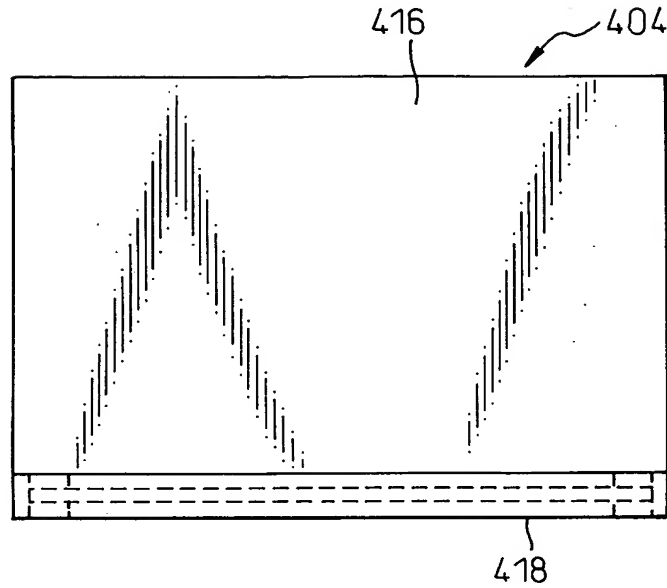


Fig.167

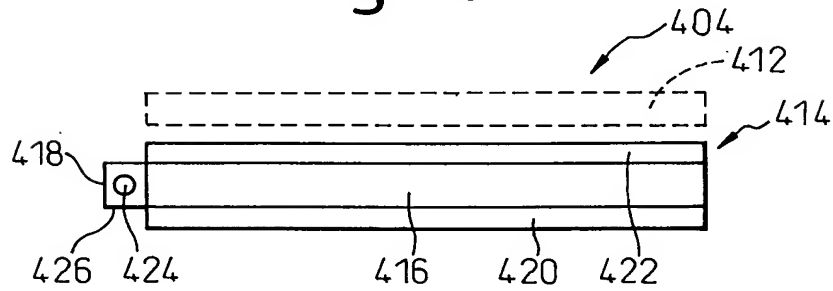
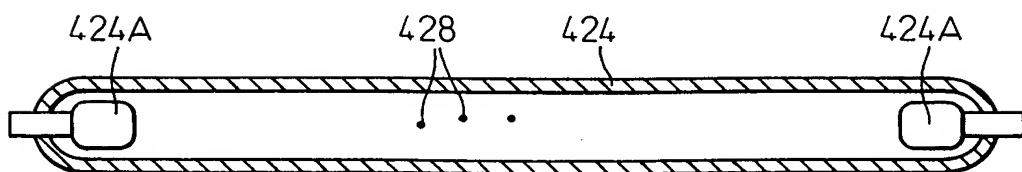


Fig.168



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Fig.169

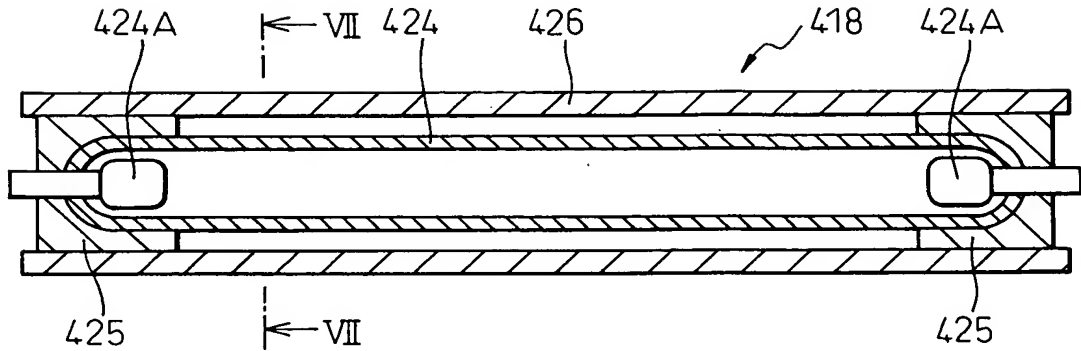


Fig.170

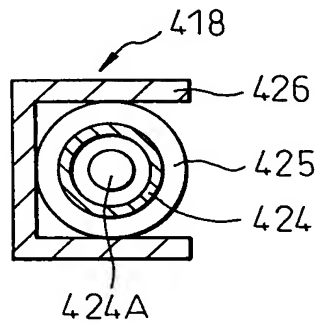
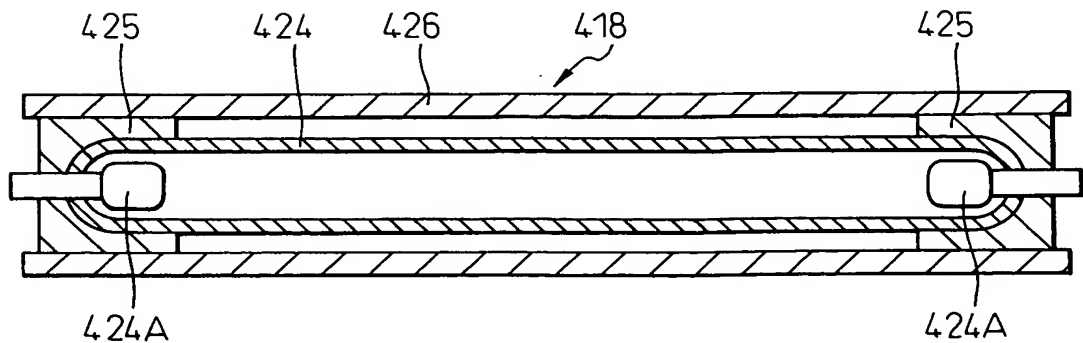


Fig.171



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Fig.172

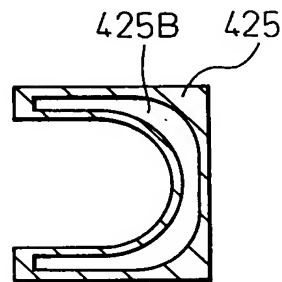


Fig.173

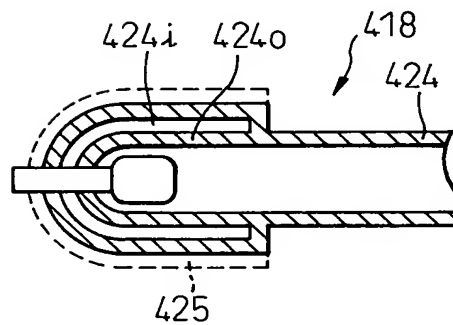
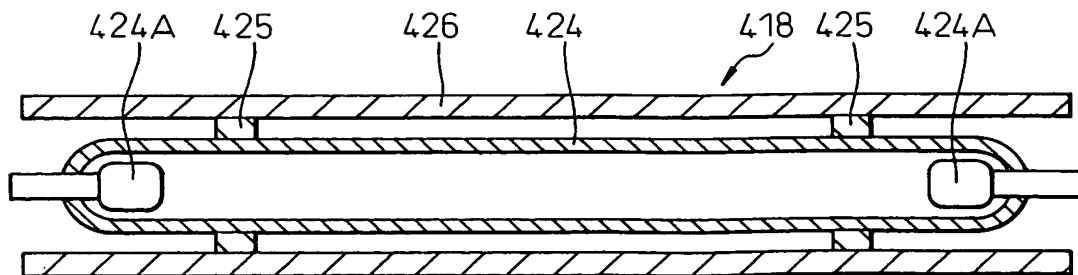


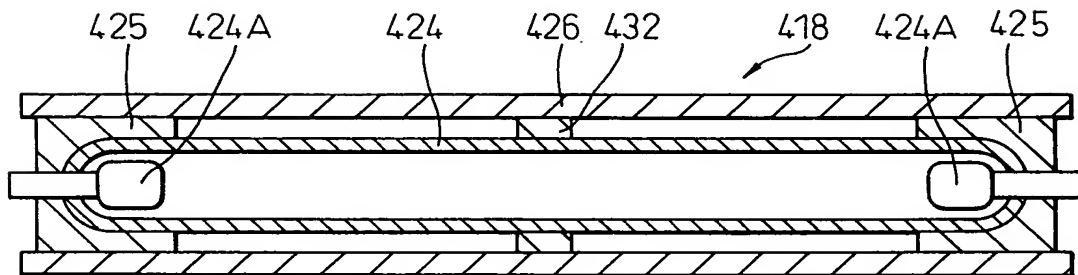
Fig.174



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Fig.175



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